

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# *The Shenandoah Nurseries*

(LAKES)

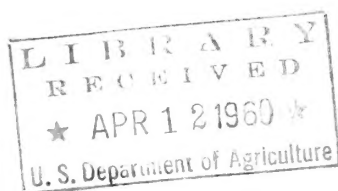
Shenandoah, Iowa

## BULLETIN

No. 2



APRIL 1, 1960



ORDER TODAY  
LONG DISTANCE PHONES  
406 - 407

---

---

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK  
FOR 90 YEARS

---

---

## TERMS AND CONDITIONS OF SALE

**TERMS**—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET 30** days thereafter.

Cash security, or satisfactory reference is required from parties unknown to us. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

**PRICES—EXCEPTING PATENTED ITEMS.** Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) as follows:

300 or more take 1000 rates where published.

30 to 300 take 100 rates where published.

Under 30 take 10 rates.

**PATENTED ITEMS** — See individual headings.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

**SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK**

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

**BROKEN LOTS**—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

**NOTICE** — The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop condition and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

**SHIPPING**—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

**ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.**

**TRUCK DELIVERY**—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

**PACKING**—No charge for packing bulk cars. Bales and boxes will be charged actual cost of material and labor used.

**CLAIMS**—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been accepted, or when report is not made in writing within ten days after arrival of stock.

**GUARANTEE**—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.



**THE SHENANDOAH NURSERIES**

D. S. LAKE, President



Please note that calipers shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

## APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 5 ft. and up, 1 in. and up.....	\$11.00	\$100.00	\$.....
Standard First Class, 4½ ft. and up, 11/16 to 1 in.....	9.50	90.00	850.00
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.....	8.50	80.00	750.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.....	6.50	60.00	550.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.....	4.00	35.00	300.00

	1"	11/16"	9/16"	7/16"
Anoka .....	50	450	300	100
Baldwin .....	170	450	370	100
Beacon .....	100	990	80	---
Chestnut Crab <i>APPLE</i> .....	---	150	---	---
Cortland .....	50	470	130	200
Delicious Dark Red .....	840	2600	1700	340
Delicious Yellow .....	500	3180	600	100
Duchess Dark Red .....	---	1700	850	200
Early Harvest .....	---	820	130	---
Fameuse .....	50	300	110	---
Fireside .....	550	680	460	---
Grimes Golden .....	50	1270	640	400
Hawkeye Greening .....	50	600	50	---
Hyslop <i>CRAB APPLE</i> .....	---	380	420	---
Idared .....	120	1100	520	200
Joan .....	60	120	---	---
Jonathan Dark Red .....	550	5300	2600	2100
Lodi .....	---	180	60	---
Maiden Blush .....	---	360	150	---
McIntosh Dark Red .....	80	4200	700	320
McIntosh Early .....	240	300	90	---
Minjon .....	100	1170	200	80
Northern Red Spy .....	---	1500	700	400
Northwest Greening .....	140	1150	250	---
Red June .....	---	750	420	80
Redwell Minn. No. 608 .....	70	500	140	---
Roman Stem .....	---	700	230	60
Rome Beauty Red .....	---	800	300	100
Sharon .....	---	2080	1150	750
Stayman Dark Red .....	500	2100	1300	640
Tolman Sweet .....	---	200	100	---
Turley .....	280	1500	600	320
Victory Minn. No. 396 .....	130	270	80	---
Virginia <i>CRAB APPLE</i> .....	170	1200	150	---
Wealthy .....	---	3100	900	380
Whitney <i>CRAB APPLE</i> .....	---	2250	970	320
Winesap Crimson .....	---	300	240	150
Yates .....	---	230	---	---
Yellow Horse .....	---	700	400	80
Yellow Transparent .....	---	2080	1150	750

**APPLE****New and Patented Varieties****CONNELL RED**

Plant Patent No. 1602

Early bearing Red Sport of Fireside. Smooth round fruit of dark red, clings well until late harvest. Sub-acid flavor excellent for dessert, sauce and salad. Stores well.

	10-29	30-99	100-up
	Each	Each	Each
310 4½ ft. and up, 11/16 in. and up	\$ 1.65	\$ 1.50	\$ 1.40
200 4 ft. and up, 9/16 to 11/16 in.	1.32	1.20	1.12

**SUGGESTED RETAIL**

	EACH	Per 3	Per 12	Per 100	Per 500
		Each	Each	Each	Each
11/16 in.	\$ 3.00	\$ 2.75	\$ 2.50	\$ 2.00	\$ 1.90
9/16 in.	2.50	2.25	2.00	1.75	1.60

**JONADEL**

Tree resembles Jonathan in form and character. Fruit larger than Jonathan, bright red, smooth and good handling quality. Flesh is firm, crisp and juicy. Flavor milder than Jonathan but more acid than Delicious.

	Per 10	Per 100
	Each	Each
70 5 ft. and up, 1 in and up	\$ 1.25	\$
1100 4½ ft. and up, 11/16 in. and up	1.10	1.00
340 4 ft. and up, 9/16 to 11/16 in.	.90	.80
200 3 ft. and up, 7/16 to 9/16 in.	.80	.75

**APPLE — DWARF**

Dwarfing stock is Malling No. 2, 7, 9 and Holland. Order desired understock or we will ship any available and indicate type booked.

ONE YEAR. All branched.

	Per 10
4 ft. and up, 11/16 in. and up	\$19.00
3½ ft. and up, 9/16 to 11/16 in.	16.50
2½ ft. and up, 7/16 to 9/16 in.	14.00
2 ft. and up, 5/16 to 7/16 in.	10.00

	11/16"	9/16"	7/16"	5/16"
Anoka		40	30	
Fireside			70	
Red Delicious				100
Yellow Delicious	70	430	210	60

**APPLE — SEMI-DWARF**

**Delcon**, truly a semi-dwarf tree of height to 12 feet. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

	Per 10	Per 100	Per 1000
100 1 in. and up	\$15.00	\$135.00	\$
300 11/16 in. and up	13.50	120.00	1100.00
200 9/16 to 11/16 in.	10.00	90.00	850.00

**CHERRY — SOUR**

ONE YEAR, Lightly branched and whips

	Per 10	Per 100
2½ ft. and up, 7/16 to 9/16 in.	\$ 8.00	\$ 75.00
2 ft. and up, 5/16 to 9/16 in.	6.00	55.00
	7/16"	5/16"
Early Richmond	300	400

**CHERRY**

	Per 10	Per 100
2 ft. and up, 5/16 to 7/16 in.	\$ 7.00	\$ 65.00
		5/16"
Meteor. Large, light red fruit with thin skin. Small, free stone.		700
North Star. Juicy, dark red fruit. Small free stone. Rather small tree.		100

## CHERRY—Continued

## CHERRY — SWEET

TWO YEAR, Heavily branched	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$16.50	\$150.00	\$
4 ft. and up, 9/16 to 11/16 in.	14.00	125.00	
	11/16"	9/16"	7/16"
Governor Wood	700	500	300
Schmidt	300	70	
Windsor	350	800	
ONE YEAR, whips	Per 10	Per 100	Per 1000
5 to 6 ft.	\$12.00	\$110.00	\$
4 to 5 ft.	10.00	90.00	850.00
3 to 4 ft.	8.00	75.00	700.00
2 to 3 ft.	5.50	50.00	450.00
	5/6'	4/5'	3/4'
Bing	20	50	110
Black Tartarian		1250	2470
Giant	50	180	150
Governor Wood	190	230	100
Kansas Sweet		450	1100
Lambert	20	40	
Napoleon	660	340	970
Schmidts	30	210	200
Windsor		40	30
Yellow Glass	150	1070	2350
Yellow Spanish	30	30	50

## PEAR — STANDARD

TWO YEAR	Per 10	Per 100	Per 1000
5 ft. and up, 7/8 in. and up	\$13.50	\$	\$
4½ ft. and up, 11/16 to 7/8 in.	11.00	100.00	900.00
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00	800.00
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00	
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	
	1"	11/16"	9/16"
Bantam		280	90
Bartlett	120	6800	
Clapp Favorite		1700	300
Cope Seedless	180	1200	90
Douglas	90	2000	100
Golden Spice		250	
Gorham		500	180
Kieffer	610	3300	200
Orient	130	330	
Seckel		1320	1750
Waite	100	800	70

## PEAR — DWARF

Two Year

	Per 10	Per 100
4½ ft. and up, 1 in.	\$22.50	\$200.00
4 ft. and up, 11/16 to 1 in.	19.00	175.00
	1"	11/16"
Bartlett		360
Beurre de Anjou	120	210

## 4-N-1 PEAR

	Per 10	Per 100
250 11/16 in. and up	\$16.50	\$155.00
160 9/16 to 11/16 in.	15.50	145.00
400 7/16 to 9/16 in.	14.50	135.00
Bartlett	Kieffer	
Douglas	Seckel	

## PLUM

## AMERICAN and HARDY HYBRIDS

(On Native Roots)

ONE YEAR. All branched.	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$11.00	\$100.00	\$
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00	
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00	
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	
	11/16"	9/16"	7/16"
Golden Rod	310	150	130
Kahinta	180		
Pipestone	80		
Red Wing	250	140	70
Sapa	110	320	50
Superior	100		
Toka	110		
Underwood	100		
Waneta	240		

## PLUM

## EUROPEAN and JAPANESE

ONE YEAR. All branched.	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	\$11.00	\$100.00
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00
	11/16"	9/16"
Allred	70	40
Blue Damson	440	140
Burbank	200	100
German Prune	140	
Green Gage	250	
Mount Royal	40	70
Red June	130	120
Santa Rosa	80	130
Shropshire Damson	510	140

## SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS

## ASPARAGUS, Tied 25 per bundle.

Mary Washington

	Per 100	Per 1000
60000 2 yr. No. 1	\$ 2.80	\$ 25.00
80000 1 yr. No. 1	1.80	16.00

## BLACKBERRY, Tied 25 per bundle.

Alfred, early, large fruit, long bearing.

1500 No. 1	6.50	60.00
------------	------	-------

Ebony King, new, hardy, heavy producer.

100 No. 1	14.00	
-----------	-------	--

## BOYSENBERRY

1600 Thornless, tip plants	7.00	65.00
----------------------------	------	-------

## CURRANT, Tied No. 1, 25; No. 2, 50 per bundle.

Cherry, dark red.

200 2 yr. No. 1	18.00	160.00
-----------------	-------	--------

Red Lake, light red berries in long clusters. Thrifty and extremely productive.

600 2 yr. No. 1	21.00	180.00
-----------------	-------	--------



## SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS—Continued

## DEWBERRY

	Per 100	Per 1000
680 <u>Lucretia</u> , R. C. plants No. 1.....	\$ 5.00	\$ 45.00

## GOOSEBERRY, Tied 25 per bundle.

Houghton, dark red.

100 2 yr. No. 1.....	29.00	250.00
400 1 yr. No. 1.....	22.50	200.00

Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.

2270 2 yr. No. 1.....	35.00	315.00
-----------------------	-------	--------

Pixwell Seedling, vigorous, productive bush. Very similar in habit and picking quality to Pixwell. Fruit larger than Pixwell. An excellent type.

740 2 yr. No. 1.....	35.00	315.00
350 1 yr. No. 1.....	25.00	220.00

## GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle.

Beta, black, extremely hardy.

200 2 yr. No. 1.....	18.00	160.00
----------------------	-------	--------

Concord, black. Large bunches of tender, juicy fruit.

1740 2 yr. No. 1.....	18.00	150.00
600 1 yr. No. 1.....	14.00	110.00

Fredonia, black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.

2680 2 yr. No. 1.....	19.00	160.00
890 1 yr. No. 1.....	14.00	120.00

Moore Early, black.

150 2 yr. No. 1.....	18.00	160.00
350 1 yr. No. 1.....	14.00	120.00

## RASPBERRY, Tied 25 per bundle.

Indian Summer, large high-quality, everbearing red.

1960 No. 1 suckers.....	9.00	85.00
-------------------------	------	-------

Latham, late, large, productive red.

1400 No. 1 suckers.....	8.50	80.00
-------------------------	------	-------

Sunrise, early, red.

460 No. 1 suckers.....	8.50	80.00
------------------------	------	-------

## RHUBARB

Chipman Canada Red, sweet and excellent flavor. Stem dark red throughout.

	Per 10	Per 100
1260 No. 1 division.....	\$ 4.50	\$ 40.00

Victoria, whole root.

	Per 100	Per 1000
200 2 yr. 1½ in. and up.....	\$11.00	\$-----
500 2 yr. 1 to 1½ in.....	8.00	75.00
3100 1 yr. ¾ to 1 in.....	6.50	60.00
10000 1 yr. ½ to ¾ in.....	4.50	40.00

## Nut, Ornamental and Shade Trees

Our nut, shade and ornamental trees are first class, well shaped, young and vigorous. They have been grown from seedlings transplanted into the nursery row especially for this purpose, and from buds or grafts.

All calipers are taken 6 inches above the collar. Size listed following the name is considered average mature size normally attained.

### ACER

Per 10 Per 100 Per 1000

#### platanoides. Norway Maple. 90 feet. Zone 3.

Forms a round head with large, deep green leaves. Yellow fall foliage. Very hardy and transplants easily.

210	4 to 5 ft., whips	\$ 5.50	\$ 50.00	\$ ----
500	5 to 6 ft., whips	7.50	70.00	----
400	6 to 7 ft., whips	8.50	80.00	----
260	6 to 8 ft., branched	28.00	250.00	----
150	8 to 10 ft., branched	32.50	300.00	----

#### platanoides Crimson King. Crimson King Maple. Pat. No. 735. Zone 4.

Hardy, improved form of Schwedler Maple. Leaves are deep purplish red throughout entire spring and summer.

		10-49 each	50-100 each
120	4 to 5 ft., whips	\$ 1.65	\$ 1.45
200	5 to 6 ft., whips	2.10	1.80
250	6 to 7 ft., whips	2.60	2.30
300	7 to 8 ft., whips	3.15	2.85

Per 10 Per 100 Per 1000

#### platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 4.

A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but without patent.

130	5 to 6 ft., branched	\$32.50	\$300.00	\$ ----
530	6 to 8 ft., branched	47.50	450.00	----
180	8 to 10 ft., branched	62.50	600.00	----

#### platanoides Schwedler. Schwedler Maple. 40-50 feet. Zone 4.

Perfectly shaped tree with purplish red leaves in spring and early summer, turning to yellow in autumn.

180	6 to 7 ft., whips	19.00	175.00	----
90	7 to 8 ft., whips	22.00	200.00	----
180	8 to 10 ft., branched	37.50	350.00	----

#### rubrum. Red Maple. 120 feet. Zone 3.

A fast growing tree producing conspicuous red flowers in early spring and brilliant red leaves early in fall.

120	6 to 8 ft., branched	32.50	----	----
60	8 to 10 ft., branched	42.50	----	----

#### saccharinum. Silver Maple. 120 feet. Zone 3.

Very hardy, rapid-growing tree. Leaves finely cut, green with silvery white underneath.

2000	4 to 5 ft.	6.50	60.00	550.00
1100	5 to 6 ft.	10.00	90.00	800.00
1800	6 to 8 ft.	15.50	140.00	1250.00
890	8 to 10 ft.	22.50	200.00	1750.00
740	1 1/4 to 1 1/2 in.	27.50	250.00	2250.00
100	1 1/2 to 1 3/4 in.	35.00	325.00	----
60	1 3/4 to 2 in.	40.00	375.00	----

## NUT, ORNAMENTAL and SHADE TREES—Continued

## ACER—Continued

## saccharum. Sugar Maple. 120 feet. Zone 3.

Per 10 Per 100 Per 1000

Stately, upright shade tree. Leaves turn scarlet, orange and yellow in fall.

Fine street and lawn specimen.

200	4 to 5 ft., branched	\$19.00	\$175.00	\$-----
100	5 to 6 ft., branched	25.00	225.00	2000.00
310	6 to 8 ft., branched	32.50	300.00	2750.00
360	8 to 10 ft., branched	42.50	400.00	3750.00
40	1½ to 1½ in.	50.00	475.00	-----

## BETULA

## pendula. European White Birch. 50-60 feet. Zone 2.

Exceedingly graceful tree with slightly pendulous branches. White bark.

70	5 to 6 ft.	16.50	150.00	-----
110	6 to 8 ft.	22.50	200.00	-----
120	8 to 10 ft.	30.00	275.00	-----

## pendula. Clump Form European White Birch. 20-25 feet. Zone 2.

Beautiful form of White Birch having three or more main trunks from the ground.

160	5 to 6 ft.	30.00	275.00	-----
200	6 to 7 ft.	35.00	325.00	-----

## CELTIS

## occidentalis. Common Hackberry. 50-70 feet. Zone 2.

Well formed shade tree of good foliage and dense habit.

70	4 to 5 ft.	8.00	75.00	-----
80	5 to 6 ft.	12.00	110.00	-----

## CERCIS

## canadensis. Eastern Redbud. 35 feet. Zone 4.

Produces an abundance of reddish-pink flowers in early spring. Blooming with the Flowering Dogwood. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in fall. Grown shrub form.

260	18 to 24 in.	4.00	35.00	300.00
1110	2 to 3 ft.	6.50	60.00	550.00
2900	3 to 4 ft.	10.00	90.00	850.00
1480	4 to 5 ft.	14.00	125.00	1100.00
170	5 to 6 ft.	16.50	150.00	-----

## CRATAEGUS

## phaenopyrum. Washington Hawthorn. 30 feet. Zone 4.

Upright, dense habit. Blooms profusely and displays a brilliant autumn color.

50	4 to 5 ft.	27.50	250.00	-----
170	5 to 6 ft.	35.00	325.00	-----
150	6 to 8 ft.	42.50	400.00	-----

## ELAEOAGNUS

## angustifolia. Russian Olive. 25 feet. Zone 2.

Very hardy small tree or large shrub with conspicuous silvery gray foliage. Flowers are followed by yellow coated berries with silvery scales.

110	3 to 4 ft.	6.50	60.00	550.00
460	4 to 5 ft.	8.50	80.00	750.00
70	5 to 6 ft.	11.00	100.00	-----
50	6 to 8 ft.	16.50	150.00	-----

## FRAXINUS

## americana. White Ash. 100 feet. Zone 3.

Tall, rapid growing tree valued for street and park planting. Dense foliage turns deep purple or yellow in autumn.

400	4 to 5 ft.	8.00	75.00	700.00
570	5 to 6 ft.	11.00	100.00	900.00

## NUT, ORNAMENTAL and SHADE TREES—Continued

## FRAXINUS—Continued

Per 10 Per 100 Per 1000

*pennsylvanica lanceolata*. Green Ash. 50-60 feet. Zone 2.

Shapely, vigorous and dense tree. Yellow autumn foliage. Very hardy.

380	4 to 5 ft.	\$ 8.00	\$ 75.00	\$700.00
1340	5 to 6 ft.	11.00	100.00	900.00
960	6 to 8 ft.	17.50	160.00	1500.00
590	8 to 10 ft.	25.00	225.00	2000.00
80	1½ to 1½ in.	32.50	300.00	-----

## GLEDITSIA

## MAJESTIC HONEYLOCUST

Plant Patent No. 1534

A strong, graceful tree of spreading habit but much more regular and compact than ordinary Honeylocust. Thornless and grows straight without staking. Bold abundant foliage is extremely dark green when mature. Light seeding.

		10-29	30-99	100-299
		Each	Each	Each
160	6 to 8 ft. 2 yr. branched	\$ 3.75	\$ 3.35	\$ 3.00
410	8 to 10 ft. 2 yr. branched	4.90	4.45	4.00
240	1½ to 1½ in. Cal.	6.10	5.50	5.00

*triacanthos inermis* Moraine. Moraine Honeylocust.

This Honeylocust is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner. A new vase form, thornless, seedless and hardy. Resistant to disease and insect damage.

		10-49	50-249	250-up	Suggested Retail
		Each	Each	Each	Each
200	5 to 6 ft. whips	\$ 2.25	\$ 2.00	\$ 1.80	\$ 5.00
100	6 to 7 ft. whips	2.75	2.50	-----	6.00
100	8 to 9 ft. whips	4.25	3.80	-----	-----
110	5 to 6 ft., branched 1 yr. top	2.75	2.50	-----	6.00
50	6 to 7 ft., branched 1 yr. top	3.35	3.00	-----	7.50
460	7 to 8 ft., branched 1 yr. top	4.00	3.60	3.25	9.00
750	8 to 9 ft., branched 1 yr. top	4.90	4.45	4.00	9.50
920	8 to 10 ft., branched 2 yr. top	7.75	7.00	6.25	12.50
450	1½ to 1½ in. Cal. branched 2 yr. top	10.00	9.00	8.10	16.00
80	1½ to 1½ in. Cal. branched 2 yr. top	12.50	11.25	-----	20.00

## SHADEMASTER HONEYLOCUST

Plant Patent No. 1515

Straight strong trunk holds ascending branches covered with dark green foliage. This rapid grower transplants easily and without staking. Excellent for streets, lawns and parks as its deep roots do not heave sidewalks and grass will grow up to the trunk. Resistant to drouth, diseases and insect pests.

		10-49	50-249
		Each	Each
150	1½ to 1½ in. Cal. 2 yr. branched	\$11.00	\$ 9.00
10	1½ to 2 in. Cal. 2 yr. branched	14.00	-----

## NUT, ORNAMENTAL and SHADE TREES—Continued

## GLEDITSIA—Continued

**triacanthos inermis Skyline. (Patent No. 1619)**

Skyline is a stately and unusual variety with distinctive pyramidal form. Branches are uniformly spaced and arranged and diverge from the trunk at a wide angle. Foliage is dark green and of a heavy, leathery texture.

		Suggested				
		10-29	30-99	100-299	300-up	Retail
		Each	Each	Each	Each	Each
60	6 to 7 ft., 1 yr. branched..	\$ 3.15	\$ 2.80	\$ ----	\$ ----	\$ ----
120	7 to 8 ft., 1 yr. branched..	3.65	3.30	2.90	----	----
790	6 to 8 ft., 2 yr. branched..	4.70	4.25	3.85	3.60	9.75
610	1 to 1½ in. Cal.....	6.00	5.40	4.90	4.60	12.00
600	1½ to 1¾ in. Cal.....	7.30	6.60	6.00	5.65	14.00

**Sunburst Locust. Plant Patent No. 1313.**

Bright golden foliage on 8 to 10 inches of branch tips contrasts with the rich green of the balance of the tree. Broadly pyramidal head and excellent branching habit. Produces only male flowers and is absolutely seedless.

		Suggested				
		10-29	30-99	100-299	300-up	Retail
		Each	Each	Each	Each	Each
400	4 to 5 ft. 1 yr. whips.....	\$ 2.05	\$ 1.85	\$ 1.65	\$ 1.55	\$ 4.40
210	8 to 10 ft., 2 yr. branched	7.25	6.50	5.90	----	14.00
320	1½ to 1¾ in. Cal.....	11.50	10.50	9.50	9.00	22.00
40	1¾ to 2 in. Cal.....	15.00	13.50	----	----	30.00

## GYMNOCLADUS

**dioicus. Kentucky Coffeetree. 90 feet. Zone 4.**

Large branching, open, picturesque habit. Particularly interesting during the long winter months.

		Per 10	Per 100	Per 1000
270	2 to 3 ft.....	\$ 9.00	\$ 85.00	\$ ----
60	3 to 4 ft.....	11.00	100.00	----

## JUGLANS

**nigra. Eastern Black Walnut. 150 feet. Zone 4.**

A large growing tree with deeply furrowed brown bark and dark green foliage. Nut fruit 1 to 2 inches in diameter. Valuable timber tree.

600	5 to 6 ft.....	10.00	90.00	850.00
940	6 to 8 ft.....	14.00	125.00	1100.00
280	8 to 10 ft.....	19.00	175.00	1600.00

## KOELREUTRIA

**paniculata. Panicked Goldenraintree. June. 30 feet. Zone 5.**

Small yellow flowers in large pyramidal clusters; light yellowish-brown pods. Flat topped habit. Does well in wide range of soils.

50	3 to 4 ft.....	13.50	120.00	----
120	4 to 5 ft.....	16.50	150.00	----

## LABURNUM

**watereri (vossi) Waterer Laburnum. 25-30 feet. Zone 5.**

Dense habit. Flowers are large and deep yellow, pea like in pendulous clusters appearing in late May.

90	4 to 5 ft., branched.....	22.50	200.00	----
65	5 to 6 ft., branched.....	27.50	250.00	----

## MAGNOLIA

**soulangiana. Saucer Magnolia. 20-25 feet. Zone 5.**

Large white to purple flowers, 5-10 inches in diameter, cup-shaped, appear before the leaves. Grown at our Mississippi branch.

210	2 to 3 ft. B&B.....	37.50	350.00	----
-----	---------------------	-------	--------	------

## NUT, ORNAMENTAL and SHADE TREES—Continued

## CENTENNIAL CRAB

No. 1472

Small tree with horizontal branches. Large white flowers. Excellent quality fruit of bright red over yellow, up to 2 inches in size. Long bearing season starting in late August. Valuable as both fruiting and ornamental crab.

		Per 10 Each	Per 100 Each
60	4 to 5 ft.....	\$ 1.25	\$ 1.15
80	5 to 6 ft.....	1.40	1.30

## MALUS

		Per 10	Per 100	Per 1000		
18 to 24 in.....		\$ 8.00	\$ 75.00	\$-----		
2 to 3 ft.....		10.00	95.00	-----		
3 to 4 ft.....		12.50	115.00	-----		
4 to 5 ft.....		16.50	150.00	-----		
5 to 6 ft.....		21.50	200.00	-----		
	5/6'	4/5'	3/4'	2/3'	18/24"	
<b>Halliana parkmanni. 15 ft. Zone 5.</b>						
Double pink flowers, red fruits. ....	40	140	20	----	----	
<b>Oekonomierat Echtermeyer. 15 ft. Zone 4.</b>						
Single purple flowers, reddish purple fruit. ....	10	10	----	----	----	
<b>Sargentii. 8 ft. Zone 5.</b>						
Single white flowers, red fruits. ....		10	20	70	40	
		Per 10	Per 100	Per 1000		
18 to 24 in.....		\$ 5.50	\$ 50.00	\$450.00		
2 to 3 ft.....		7.50	70.00	650.00		
3 to 4 ft.....		10.00	90.00	-----		
4 to 5 ft.....		14.00	125.00	-----		
5 to 6 ft.....		19.00	175.00	1600.00		
6 to 8 ft.....		22.50	210.00	-----		
<b>Almey. 20 ft.</b>						
	6/8'	5/6'	4/5'	3/4'	2/3'	18/24"
Single carmine flowers, orange to bright red fruit. ....	170	210	----	----	----	----
<b>Cowichan. 18 ft. Zone 3.</b>						
Single purplish-red flowers, red- dish-purple fruit. ....	20	70	----	----	----	----
<b>Evelyn.</b>						
Single pink flowers, yellow and red fruit. ....	70	110	20	10	----	----
<b>Ionesis plena. 30 ft. Zone 2.</b>						
Double pink blooms, green fruit. ....	----	----	20	330	290	
<b>Kingsmere.</b>						
Single carmine blooms. Bronze foliage. Annual bearer. ....	20	10	----	----	----	

**MALUS, ORNAMENTAL CRABAPPLE—Continued****MALUS—Continued**

	5/6'	4/5'	3/4'	2/3'	18/24"
<b>Purpurea lemoini. 25 ft. Zone 4.</b>					
Single carmine flowers, red fruit.					
Annual. ....	20	20	----	----	----

**Wabiskaw.**

Semi-double blooms. Red autumn

foliage. Annual. ....	360	50	----	----	----
-----------------------	-----	----	------	------	------

	Per 10	Per 100	Per 1000
--	--------	---------	----------

3 to 4 ft.....	\$ 8.00	\$ 75.00	\$-----
4 to 5 ft.....	11.00	100.00	-----
5 to 6 ft.....	16.50	150.00	1350.00
6 to 8 ft.....	21.50	-----	-----
	6/8'	5/6'	4/5' 3/4'

**Jay Darling.**

Single purplish-red flowers, purplish-red fruit. ..	10	30	40	----
---	----	----	----	------

**Makamik. 40 ft. Zone 4.**

Single purplish-red blooms. Bronze foliage.

Annual. ....	20	110	----	----
--------------	----	-----	------	------

**pumila Niedzwetzkyana. 20 ft. Zone 3.**

Single purplish-red flowers. Large fruit. ....	----	310	80	40
--	------	-----	----	----

**Red Silver. 30 ft. Zone 4.**

Single purplish-red flowers, purplish fruit. Pur-

plish bronze foliage. ....	10	70	----	----
----------------------------	----	----	------	------

	Per 10	Per 100	Per 1000
--	--------	---------	----------

3 to 4 ft. ....	\$ 7.50	\$ 70.00	\$-----
4 to 5 ft. ....	10.00	90.00	850.00
5 to 6 ft. ....	13.00	120.00	1100.00
6 to 8 ft. ....	16.50	150.00	1350.00

	6/8'	5/6'	4/5'	3/4'
--	------	------	------	------

**Hopa. 30 ft. Zone 4.**

Single carmine blooms, bright red fruits. Annual.	540	610	210	----
---	-----	-----	-----	------

**purpurea Eleyi. 25 ft. Zone 3.**

Single Reddish-purple blooms and fruits. ....	60	180	60	120
---	----	-----	----	-----

	Per 10	Per 100	Per 1000
--	--------	---------	----------

**PHELLODENDRON****Amurense. Amur Corktree. 45 feet. Zone 3.**

Rugged tree with wide, open, massive branches and deeply furrowed bark.

Small whitish flowers in June followed by clusters of round black berries.

Hardy.

210 5 to 6 ft. ....	\$22.50	\$200.00	\$-----
60 6 to 8 ft. ....	30.00	275.00	-----

**PLATANUS****occidentalis. American Planetree. 120-150 feet. Zone 5.**

Large leaves on one of most massive and tallest of trees. White bark peels in flakes. Popular as shade and avenue tree.

160 5 to 6 ft. ....	11.00	100.00	-----
210 6 to 8 ft. ....	19.00	175.00	1600.00
320 8 to 10 ft. ....	28.00	250.00	2250.00

## NUT, ORNAMENTAL and SHADE TREES—Continued

**nigra italica. Lombardy Poplar. 50-60 feet. Zone 3.**

Rapid spire-like growth. Fine for screens and formal plantings.

		Per 10	Per 100	Per 1000
400	4 to 5 ft.....	\$ 3.00	\$ 25.00	\$220.00
2100	5 to 6 ft.....	4.50	40.00	350.00
1970	6 to 8 ft.....	6.00	55.00	500.00
2140	8 to 10 ft.....	7.00	65.00	600.00
1800	1¼ to 1½ in. Cal.....	8.00	75.00	700.00
500	1½ to 1¾ in. Cal.....	11.00	100.00	900.00
100	1¾ to 2 in. Cal.....	14.00	125.00	-----

## PRUNUS

Per 10 Per 100 Per 1000

**persica Purpleleaf.**

A vigorous growing purple leaved Peach. Provides useful color accent.

900	2 to 3 ft.....	\$ 4.00	\$ 35.00	\$300.00
800	3 to 4 ft.....	5.50	50.00	450.00
870	4 to 5 ft.....	8.00	75.00	700.00
90	5 to 6 ft.....	10.00	90.00	850.00

**subhirtella. Weeping Higan Cherry. 25-30 feet. Zone 4.**

Dense tree of small stature with masses of pale pink flowers each spring. One of the hardiest Japanese Cherries.

100	5 to 6 ft.....	37.50	-----	-----
-----	----------------	-------	-------	-------

## QUERCUS

**borealis. Red Oak. 75 feet. Zone 4.**

Pyramidal young trees become broad and round topped with age. Dense foliage an attractive red in fall. Transplants easily and fastest grower of oaks. Fine for street or avenue as it withstands city conditions and is clean in habit.

200	4 to 5 ft.....	19.00	175.00	-----
140	5 to 6 ft.....	25.00	225.00	-----
70	6 to 8 ft.....	35.00	325.00	-----

**palustris. Pin Oak. 75 feet. Zone 4.**

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Scarlet autumn foliage. A most desirable shade tree but requires ample space.

		Per 10	Per 100	Per 1000
1200	4 to 5 ft.....	\$16.50	\$150.00	\$-----
1200	5 to 6 ft.....	22.50	200.00	-----
90	6 to 8 ft.....	32.50	300.00	-----

## SALIX

Per 10 Per 100 Per 1000

**alba vitellina. Russian Golden Willow. 30 feet. Zone 2.**

One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.

1290	4 to 5 ft.....	\$ 3.50	\$ 30.00	\$250.00
700	5 to 6 ft.....	5.50	50.00	450.00
100	6 to 8 ft.....	6.50	60.00	-----

**babylonica. Babylon Weeping Willow. 30 feet. Zone 5-6.**

One of the best of the weeping willows wherever hardy. Bright green foliage.

350	3 to 4 ft.....	4.00	35.00	300.00
410	4 to 5 ft.....	5.50	50.00	450.00
610	5 to 6 ft.....	10.00	90.00	850.00
750	6 to 8 ft.....	14.00	125.00	1100.00
40	8 to 10 ft.....	19.00	175.00	-----



**NUT, ORNAMENTAL and SHADE TREES—Continued****SALIX—Continued****blanda. Wisconsin Weeping Willow. 40 feet. Zone 4.**

A very hardy, popular, free-barked weeping willow. Wide-spreading head. Long drooping branches are extremely graceful.

		Per 10	Per 100	Per 1000
820	4 to 5 ft.	\$ 5.50	\$ 50.00	\$450.00
170	5 to 6 ft.	10.00	90.00	850.00
570	6 to 8 ft.	14.00	125.00	1100.00
820	8 to 10 ft.	19.00	175.00	1500.00
120	1½ to 1½ in. Cal.	22.50	210.00	-----

**SORBUS****aucuparia. European Mountainash. 45 feet. Zone 2.**

A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.

		Per 10	Per 100	Per 1000
220	6 to 8 ft.	\$27.50	\$250.00	\$2250.00
550	8 to 10 ft.	35.00	325.00	3000.00
90	1½ to 1½ in. Cal.	42.50	400.00	-----

**ULMUS****americana. American Elm. 100-120 feet. Zone 2.**

A stately tree of unique vase-shaped form with widely arching branches.

		Per 10	Per 100	Per 1000
1000	4 to 5 ft.	5.50	50.00	450.00
1400	5 to 6 ft.	8.00	75.00	700.00
3000	6 to 8 ft.	12.00	110.00	1000.00
2700	8 to 10 ft.	18.00	165.00	1500.00
500	1½ to 1½ in. Cal.	35.00	325.00	3000.00

**americana Moline. Moline Elm. 80-100 feet. Zone 2.**

Narrow pyramidal rapid-growing tree with large, handsome green foliage. Uniform tree for street or drive planting.

		Per 10	Per 100	Per 1000
500	4 to 5 ft.	\$ 8.00	\$ 75.00	\$700.00
800	5 to 6 ft.	11.00	100.00	900.00
1100	6 to 8 ft.	16.50	150.00	1350.00
1200	8 to 10 ft.	22.00	200.00	1800.00
500	1½ to 1½ in. Cal.	30.00	275.00	2500.00
300	1½ to 1½ in. Cal.	35.00	325.00	3000.00

**Lake City Improved. 70 feet.**

Fast growing pyramidal tree. Heavy, rich green foliage. Does not bear seed. Disease resistant. Fine for lawns and parkways.

		Per 10	Per 100	Per 1000
80	8 to 10 ft.	\$37.50	\$350.00	\$-----
70	1½ to 1½ in. Cal.	45.00	425.00	-----

**pumila. Chinese Elm. 75 feet. Zone 4.**

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

		Per 10	Per 100	Per 1000
1800	4 to 5 ft.	4.00	35.00	300.00
1780	5 to 6 ft.	7.00	65.00	600.00
440	6 to 8 ft.	11.00	100.00	900.00
730	8 to 10 ft.	15.00	135.00	1250.00
480	1½ to 1½ in. Cal.	22.50	200.00	1750.00
390	1½ to 1½ in. Cal.	32.50	300.00	2750.00
40	1½ to 2 in. Cal.	40.00	-----	-----

## Ornamental Shrubs

Our shrubs are bushy and well rooted, twice transplanted and many graded stronger than is required by the American Nurseryman's Association.

The month indicates the beginning of bloom period; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

### ACANTHOPANAX

Per 10 Per 100 Per 1000

**sieboldianus.** Siebold Acanthopanax. June. 9 feet. Zone 4.

Excellent foliage plant growing well in the shade and withstanding city growing conditions. Compound leaves remain on the plant well into fall.

50	12 to 18 in.	\$ 3.00	\$ 25.00	\$ -----
280	18 to 24 in.	4.00	35.00	300.00
760	2 to 3 ft.	5.50	50.00	450.00
200	3 to 4 ft.	7.00	65.00	600.00
40	4 to 5 ft.	8.50	-----	-----

### ACER

**ginnala.** Amur Maple. 20 feet. Zone 2.

Dense shrub or small tree. Yellow fragrant flowers in April-May. Fruits turn bright red in summer. Entire plant becomes a mass of scarlet in autumn.

280	18 to 24 in.	5.50	50.00	-----
1890	2 to 3 ft.	8.00	75.00	700.00
1230	3 to 4 ft.	11.00	100.00	900.00
450	4 to 5 ft.	16.50	150.00	1350.00
20	5 to 6 ft.	22.50	-----	-----

### ARONIA

**arbutifolia brilliantissima.** Brilliant Chokecherry. May. 8 feet. Zone 5.

Small reddish white flowers and brilliant red berries in large numbers. Red autumn foliage. Dependable in most soils.

70	9 to 12 in.	3.50	30.00	-----
40	12 to 18 in.	4.50	40.00	-----

**melanocarpa.** Black Chokeberry. May. 2-3 feet. Zone 4.

Single white flowers and black berries. Red foliage in fall.

160	12 to 18 in.	3.50	30.00	-----
40	18 to 24 in.	5.00	-----	-----

### BERBERIS

**mentorensis.** Mentor Barberry. May. 5 feet. Zone 5.

A cross between thunbergi and julianae, mentorensis is a strong, upright growing plant of heavy, dark green foliage. Survives cold as well as very hot, dry conditions.

200	9 to 12 in.	3.00	25.00	200.00
500	12 to 15 in.	4.50	40.00	350.00
200	15 to 18 in.	5.50	50.00	450.00
1500	18 to 24 in.	7.00	65.00	600.00
550	2 to 2½ ft.	8.00	75.00	700.00

**thunbergi.** Japanese Barberry. May. 6 feet. Zone 5.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries. Showy in winter.

210	9 to 12 in.	2.00	18.00	150.00
1170	12 to 15 in.	3.00	25.00	200.00
2120	15 to 18 in.	3.50	30.00	250.00
3230	18 to 24 in.	4.50	40.00	350.00
1940	2 to 2½ ft.	5.50	50.00	450.00
1280	2½ to 3 ft.	6.50	60.00	550.00
190	3 to 3½ ft.	8.00	75.00	-----

## ORNAMENTAL SHRUBS—Continued

## BERBERIS—Continued

**thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 5.**

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

		Per 10	Per 100	Per 1000
710	9 to 12 in.....	\$ 3.00	\$ 25.00	\$200.00
3210	12 to 15 in.....	4.00	35.00	300.00
5520	15 to 18 in.....	5.00	45.00	400.00
3490	18 to 24 in.....	6.00	55.00	500.00
3180	2 to 2½ ft.....	7.00	65.00	600.00
1100	2½ to 3 ft.....	8.00	75.00	700.00

**thunbergi Crimson Pygmy.**

Per 10 Per 100 Per 1000

An extremely dense, low growing plant. Deep red foliage.

320	4 to 6 in.....	\$ 5.00	\$-----	\$-----
-----	----------------	---------	---------	---------

**thunbergi Truehedge. Truehedge Columnberry. May. 6 feet. Zone 5.**

Rigidly columnar compact form requiring almost no trimming. Glossy dense foliage turns red in autumn. Can be held as low as one foot tall.

820	18 to 24 in.....	4.50	40.00	-----
-----	------------------	------	-------	-------

## CALLICARPA

**dichotoma. Purple Beautyberry. July. 4 feet. Zone 5.**

Large showy clusters of metallic-purple berries follow pink flowers.

100	12 to 18 in.....	3.50	30.00	-----
50	18 to 24 in.....	4.50	40.00	-----
200	2 to 3 ft.....	5.50	50.00	-----

## CARAGANA

**arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2.**

Produces clusters of yellow, pea-like flowers in midst of small, light green foliage. Completely hardy. Valuable in groups or as specimen.

360	9 to 12 in.....	2.00	18.00	150.00
1370	12 to 18 in.....	2.50	22.00	200.00
2290	18 to 24 in.....	3.50	30.00	250.00
1020	2 to 3 ft.....	4.50	40.00	350.00

## CARYOPTERIS

**clandonensis. Blue Mist. August. 4 feet. Zone 5.**

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

		Per 10	Per 100	Per 1000
180	No. 1 .....	\$ 4.00	\$ 35.00	\$-----
200	Medium .....	3.00	25.00	200.00
400	No. 3 .....	2.00	18.00	150.00

Per 10 Per 100 Per 1000

## CEPHALANTHUS

**occidentalis. Buttonbush. July. 1-5 feet. Zone 4.**

Creamy white flowers in round heads about 1 inch diameter. Must have moist location. Fine for swampy land.

100	12 to 18 in.....	\$ 3.50	\$ 30.00	\$-----
50	18 to 24 in.....	5.00	45.00	-----
300	2 to 3 ft.....	6.00	55.00	500.00
320	3 to 4 ft.....	7.50	70.00	-----

## ORNAMENTAL SHRUBS—Continued

## CORNUS

Per 10 Per 100 Per 1000

**alba sibirica. Siberian Dogwood. May. 9 feet. Zone 2.**

Stout, erect, bright branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.

240	9 to 12 in.	\$ 2.50	\$ 20.00	\$ -----
440	12 to 18 in.	3.50	30.00	250.00
400	18 to 24 in.	5.00	45.00	400.00
560	2 to 3 ft.	6.00	55.00	500.00

**amomum. Silky Dogwood. June. 9 feet. Zone 5.**

Produces yellow-white flowers in flat clusters followed by blue berries. Red fall foliage. Red twigs are colorful during winter.

60	18 to 24 in.	5.00	45.00	-----
200	2 to 3 ft.	6.00	55.00	-----

**mas. Cornelian Cherry. April. 24 feet. Zone 4.**

Small yellow flowers appear before the shiny green leaves. Edible fruit  $\frac{1}{2}$  to  $\frac{3}{4}$ " long turn scarlet in August. Red foliage in fall.

170	12 to 18 in.	5.00	45.00	-----
50	18 to 24 in.	6.00	55.00	-----
200	2 to 3 ft.	7.50	70.00	-----

**sanguinea. Bloodtwig Dogwood. May. 12 feet. Zone 4.**

Broad green leaves turn to dark blood red in fall. Twigs dark red; flowers dull white.

50	12 to 18 in.	3.50	30.00	-----
140	18 to 24 in.	5.00	45.00	-----
400	2 to 3 ft.	6.00	55.00	-----
290	3 to 4 ft.	7.50	70.00	650.00

**stolonifera. Redosier Dogwood. May. 7 feet. Zone 2.**

Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.

250	12 to 18 in.	3.50	30.00	250.00
200	18 to 24 in.	4.00	35.00	300.00
250	2 to 3 ft.	5.50	50.00	450.00
250	3 to 4 ft.	7.00	65.00	-----

**stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 2.**

A striking yellow-branched form of stolonifera, highly decorative.

160	9 to 12 in.	2.50	20.00	-----
680	12 to 18 in.	3.50	30.00	250.00
590	18 to 24 in.	5.00	45.00	400.00
310	2 to 3 ft.	6.00	55.00	500.00
300	3 to 4 ft.	7.50	70.00	650.00

## COTONEASTER

**acutifolia. Peking Cotoneaster. May. 10-12 feet. Zone 4.**

A valuable massing and hedging shrub. Dark green leaves. Black fruit.

850	12 to 18 in.	3.00	25.00	200.00
910	18 to 24 in.	4.00	35.00	300.00
1640	2 to 3 ft.	5.50	50.00	450.00
2280	3 to 4 ft.	7.00	65.00	600.00
700	4 to 5 ft.	8.50	80.00	750.00

## ORNAMENTAL SHRUBS—Continued

## COTONEASTER—Continued

**divaricata.** Spreading Cotoneaster. May. 6 feet. Zone 5.

	Per 10	Per 100	Per 1000
Pink flowers are followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful, spreading habit.			
30 12 to 18 in.....	\$ 6.00	\$ 55.00	\$ -----
30 18 to 24 in.....	8.00	75.00	-----
300 2 to 3 ft.....	9.00	85.00	800.00

## DEUTZIA

**gracilis.** Slender Deutzia. May. 3 feet. Zone 4.

Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.

890 9 to 12 in.....	3.00	25.00	200.00
2240 12 to 15 in.....	5.00	45.00	400.00
1240 15 to 18 in.....	6.00	55.00	500.00

**lemoinei.** Lemoine Deutzia. May. 7 feet. Zone 4.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

	Per 10	Per 100	Per 1000
240 9 to 12 in.....	\$ 2.50	\$ 20.00	\$ -----
2900 12 to 18 in.....	4.50	40.00	350.00
2520 18 to 24 in.....	5.50	50.00	450.00
1470 2 to 2½ ft.....	7.50	70.00	650.00

**rosea.** Rosepanicle Deutzia. May. 4 feet. Zone 4.

A graceful, dwarf growing plant producing attractive pink flowers. Also known as "exemia" or "rosea exemia."

	Per 10	Per 100	Per 1000
350 9 to 12 in.....	\$ 3.50	\$ 30.00	\$ -----
950 12 to 15 in.....	5.00	45.00	400.00
800 15 to 18 in.....	6.00	55.00	500.00
440 18 to 24 in.....	7.50	70.00	650.00

## EUONYMUS

**alatus** Dwarf. Dwarf Winged Euonymus. May. 4 feet. Zone 3.

An excellent dwarf, compact variety. Ideal for hedging. Brilliant scarlet autumn color.

70 9 to 12 in.....	6.00	-----	-----
--------------------	------	-------	-------

**atropurpureus.** Eastern Wahoo. May. 12-15 feet. Zone 3.

Hardy, native shrub or small tree. Purple flowers and many scarlet berries. Attractive fall foliage.

120 12 to 18 in.....	3.50	30.00	-----
----------------------	------	-------	-------

**europaea aldenhamensis.** Aldenham Spindle Tree. 21 feet. Zone 3.

Brilliant pink fruit makes this the most popular of Spindle Tree varieties. Dark green leaves are reddish in fall.

150 12 to 18 in.....	4.50	40.00	-----
80 18 to 24 in.....	5.50	50.00	-----
80 2 to 3 ft.....	7.00	65.00	-----
20 3 to 4 ft.....	8.00	-----	-----

## ORNAMENTAL SHRUBS—Continued

## EUONYMUS—Continued

**fortunei radicans erecta. Upright Common Wintercreeper. 4 feet. Zone 5.**

Berryhill strain. One of the most strikingly beautiful plants for hedge or specimen that we have observed in Shenandoah. Requires little or no shearing to maintain it in a pleasing state. Foliage is shiny, dark green and evergreen.

	Per 10	Per 100	Per 1000
330 9 to 12 in.....	\$ 4.00	\$ 35.00	\$300.00
290 18 to 24 in.....	8.50	80.00	750.00
1000 2 to 2½ ft.....	10.00	95.00	900.00

Per 10 Per 100 Per 1000

**lauteschovica. Spreading Euonymus. 9 feet. Zone 6.**

Somewhat similar to but hardier than the evergreen *Euonymus japonica*. Leaves are lighter green and not as thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November.

190 12 to 15 in.....	\$ 5.50	\$ 50.00	\$.....
150 15 to 18 in.....	7.00	65.00	-----

## FORSYTHIA

**Arnold Dwarf. 2 feet. Zone 5.**

A new dwarf type with excellent foliage. Desirable as a ground cover.

300 12 to 15 in.....	4.00	35.00	-----
310 15 to 18 in.....	5.00	45.00	400.00
630 18 to 24 in.....	6.50	60.00	550.00
440 2 to 2½ ft.....	8.00	75.00	700.00

**Arnold Giant.**

Forms a compact, spreading bush. Very hardy and a consistent bloomer. Produces large, dark yellow flowers. One of the better new varieties.

80 12 to 18 in.....	4.00	35.00	-----
440 18 to 24 in.....	5.50	50.00	450.00
510 2 to 3 ft.....	6.50	60.00	550.00
30 3 to 4 ft.....	8.00	-----	-----

**Beatriz Farrand. 6-8 feet.**

A spectacular new Forsythia originated at the Arnold Arboretum. An extremely vigorous grower developing into a large, symmetrical plant. Deep golden yellow flowers, often 2 inches in diameter, have striking orange markings in the throat.

220 12 to 18 in.....	4.00	35.00	-----
120 18 to 24 in.....	5.50	50.00	-----
60 2 to 3 ft.....	6.50	60.00	-----
20 3 to 4 ft.....	8.00	-----	-----

**Intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.**

Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen.

300 18 to 24 in.....	5.00	45.00	400.00
1000 2 to 3 ft.....	6.00	55.00	500.00
1700 3 to 4 ft.....	7.50	70.00	650.00

## ORNAMENTAL SHRUBS—Continued

## FORSYTHIA—Continued

Per 10 Per 100 Per 1000

**Lynwood Gold. April. 6-8. Zone 4.**

Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.

50	12 to 18 inches.....	\$ 3.50	\$ 30.00	\$ -----
80	18 to 24 in.....	5.00	45.00	400.00
670	2 to 3 ft.....	6.00	55.00	500.00
240	3 to 4 ft.....	7.50	70.00	650.00

**ovata. Early Forsythia. April. 6-8 feet. Zone 4.**

The earliest to bloom and also the hardiest Forsythia. Good yellow blooms.

340	12 to 18 in.....	4.00	35.00	300.00
1100	18 to 24 in.....	5.00	45.00	400.00

**Spring Glory. April. 7-8 feet. Zone 4.**

A new Forsythia which is, without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

		Per 10	Per 100	Per 1000
200	12 to 18 in.....	\$ 3.50	\$ 30.00	\$ -----
1130	18 to 24 in.....	5.00	45.00	400.00
4160	2 to 3 ft.....	6.00	55.00	500.00
2780	3 to 4 ft.....	7.50	70.00	650.00

Per 10 Per 100 Per 1000

**suspensa fortunei. Fortune Weeping Forsythia. April. 8-9 feet. Zone 5.**

A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.

30	12 to 18 in.....	\$ 3.50	\$ 30.00	\$ -----
160	18 to 24 in.....	5.00	45.00	-----
700	2 to 3 ft.....	6.00	55.00	500.00
130	3 to 4 ft.....	7.50	70.00	-----

**suspensa sieboldi. Siebold Weeping Forsythia. April. 9 feet. Zone 5.**

Bright yellow flowers are produced on very slender pendulous branches. Can be used to overhang wall or trained for a trellis. Branches root readily where they touch the ground.

180	12 to 18 in.....	3.50	30.00	-----
420	18 to 24 in.....	4.50	40.00	350.00
1040	2 to 3 ft.....	6.00	55.00	500.00
70	3 to 4 ft.....	7.50	70.00	-----

## HAMAMELIS

**vernalis. Vernal Witchhazel. February. 10 feet. Zone 5.**

First shrub to bloom in the spring. Small, very fragrant flowers of reddish-yellow over a long period. Vigorous grower.

310	12 to 18 in.....	4.50	40.00	350.00
380	18 to 24 in.....	5.50	50.00	450.00
30	2 to 3 ft.....	7.00	-----	-----

**virginiana. Common Witchhazel. October. 15 feet. Zone 4.**

Yellow ribbon like flowers borne on a bush covered with bright yellow fall foliage. Grows in partial shade and full sun.

240	12 to 18 in.....	4.50	40.00	350.00
180	18 to 24 in.....	5.50	50.00	-----
30	2 to 3 ft.....	7.00	65.00	-----
50	3 to 4 ft.....	9.00	85.00	-----

## ORNAMENTAL SHRUBS—Continued

## HIBISCUS

**syriacus. Shrubalthea. August. 10-12 feet. Zone 5.**

Per 10 Per 100 Per 1000

Large desirable shrub for specimen, group and screen planting.

12 to 18 in.....	\$ 3.00	\$ 25.00	\$200.00
18 to 24 in.....	4.00	35.00	300.00
2 to 3 ft.....	5.00	45.00	400.00
3 to 4 ft.....	6.50	60.00	550.00

Following varieties at above prices.

	3/4'	2/3'	18/24"	12/18"
Anemone, double pink .....	500	3900	4300	2780
Ardens, double purple .....		1700	600	200
Boule de Feu, double purplish-red .....	300	3200	1340	1680
Jeanne de Arc, double pure white .....		1650	950	1100
Lucy, semi-double rose .....		1240	900	300
Purpurea Semi-plena, semi-double .....	100	2750	2100	1700
clear purple .....				
Snowdrift, single, white .....		1470	600	750

## HYDRANGEA

Per 10 Per 100 Per 1000

**aborescens grandiflora. Snowhill Hydrangea. July. 3-5 feet. Zone 4.**

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations.

1500 12 to 18 in.....	\$ 3.50	\$ 30.00	\$-----
-----------------------	---------	----------	---------

**paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4.**

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

350 12 to 18 in.....	3.50	30.00	-----
270 18 to 24 in.....	5.50	50.00	450.00
340 2 to 3 ft.....	6.50	60.00	550.00

## HYPERICUM

**kalmianum. Kalm St. Johnswort. July. 3 feet. Zone 4.**

Produces handsome bright yellow, single flowers to 1 inch in diameter. A low compact plant of neat habit.

60 15 to 18 in.....	4.50	40.00	350.00
250 18 to 24 in.....	5.50	50.00	450.00
240 2 to 3 ft.....	7.00	65.00	600.00

**prolificum. Shrubby St. Johnswort. July. 3 feet. Zone 4.**

Very shrubby and hardy. Small narrow leaves; dense plant, mounded in habit, and covered with continuous blooms of single bright yellow for several weeks at a time. Brown, lustrous smooth bark in winter.

300 12 to 15 in.....	3.50	30.00	-----
270 15 to 18 in.....	4.50	40.00	350.00
450 18 to 24 in.....	5.50	50.00	450.00
110 2 to 3 ft.....	7.00	65.00	-----

## LAGERSTROEMIA

**indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.**

Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties.

18 to 24 in.....	4.00	35.00	300.00
------------------	------	-------	--------

430 PINK

970 PURPLE

270 WHITE



## ORNAMENTAL SHRUBS—Continued

## LONICERA

**Clavey's Compact Dwarf Honeysuckle. May. 5 feet. Zone 4.**

A new, compact growing, dwarf Honeysuckle. Grows into well-furnished globe shape without shearing. Excellent specimen or as edging and hedging.

	Per 10	Per 100	Per 1000
1500 12 to 18 in.....	\$ 3.50	\$ 30.00	\$250.00
2500 18 to 24 in.....	4.50	40.00	350.00
1200 2 to 3 ft.....	5.50	50.00	450.00

Per 10 Per 100 Per 1000

**fragrantissima. Winter Honeysuckle. April. 6 feet. Zone 5.**

Fragrant white flowers are produced on previous year's growth followed by white fruits. Foliage is stiff, leathery and half-evergreen.

50 18 to 24 in.....	\$ 4.50	\$ 40.00	\$ ----
100 2 to 3 ft.....	5.50	50.00	----

**korolkowi. Blue Leaf Honeysuckle. May. 12 feet. Zone 5.**

Blue to gray-green foliage. Rose pink flowers in May followed by bright red and orange berries in July and August.

90 18 to 24 in.....	4.50	40.00	----
150 2 to 3 ft.....	5.50	50.00	----

**maacki Podocarpa. Podocarpa Amur Honeysuckle. May. 15 feet. Zone 4.**

Noteworthy for its retention of green leaves and bright red fruits in late fall. Produces fragrant white flowers.

30 18 to 24 in.....	4.00	35.00	----
150 2 to 3 ft.....	5.00	45.00	----

**morrowi. Morrow Honeysuckle. May. 6 feet. Zone 4.**

Noted chiefly for its dense, moundlike habit of growth. Produces white flowers changing to yellow followed by dark red berries.

100 12 to 18 in.....	3.00	25.00	----
500 18 to 24 in.....	4.00	35.00	300.00
930 2 to 3 ft.....	5.00	45.00	400.00
90 3 to 4 ft.....	6.00	55.00	----

**tatarica alba. White Tatarian Honeysuckle. May. 8-10 feet. Zone 3.**

Flowers of pure white are followed by red berries. Upright, neat habit.

270 12 to 18 in.....	3.00	25.00	200.00
920 18 to 24 in.....	4.00	35.00	300.00
1240 2 to 3 ft.....	5.00	45.00	400.00
390 3 to 4 ft.....	6.00	55.00	500.00

**tatarica Bride. (grandiflora). May. 8-10 feet. Zone 4.**

A pink flowering, upright growing Honeysuckle. Planted for profusely produced flowers and attractive red fruit.

350 12 to 18 in.....	3.00	25.00	200.00
530 18 to 24 in.....	4.00	35.00	300.00
1440 2 to 3 ft.....	5.00	45.00	400.00
140 3 to 4 ft.....	6.00	55.00	----

**tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.**

Excellent blooms of rosy pink outside and light pink inside. An abundance of red berries.

300 12 to 18 in.....	3.00	25.00	200.00
1630 18 to 24 in.....	4.00	35.00	300.00
1560 2 to 3 ft.....	5.00	45.00	400.00
1100 3 to 4 ft.....	6.00	55.00	500.00
180 4 to 5 ft.....	7.50	70.00	650.00

## ORNAMENTAL SHRUBS—Continued

## LONICERA—Continued

**tatarica sibirica.** Red Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

	Per 10	Per 100	Per 1000
A profuse display of deep pink flowers followed by red berries. Hardy, neat and vigorous. Excellent as specimen as well as in screen and border.			
500 18 to 24 in.....	\$ 4.00	\$ 35.00	\$ ----
720 2 to 3 ft.....	5.00	45.00	400.00
200 3 to 4 ft.....	6.00	55.00	500.00
250 4 to 5 ft.....	7.50	70.00	650.00

**zabeli.** Zabel Honeysuckle. May. 7 feet. Zone 4.

An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardiness.

	Per 10	Per 100	Per 1000
900 18 to 24 in.....	\$ 4.00	\$ 35.00	\$300.00
1000 2 to 3 ft.....	5.00	45.00	400.00
400 3 to 4 ft.....	6.00	55.00	500.00
300 4 to 5 ft.....	7.50	70.00	650.00

## PHILADELPHUS

Per 10 Per 100 Per 1000

**coronarius.** Sweet Mockorange. May. 9 feet. Zone 4.

Old fashioned sweet-scented Mockorange. Free flowering and vigorous. Single white flowers 1-1½ inches in diameter. Excellent for dry situations.

1900 12 to 18 in.....	\$ 3.00	\$ 25.00	\$200.00
2200 18 to 24 in.....	4.50	40.00	350.00
2480 2 to 3 ft.....	5.50	50.00	450.00
1600 3 to 4 ft.....	7.00	65.00	600.00

**coronarius aureus.** Golden Mockorange. 5 feet. Zone 4.

Dwarf growing form with golden yellow foliage. Outstanding accent.

140 2 to 2½ ft.....	14.00	125.00	----
---------------------	-------	--------	------

**grandiflorus.** Big Scentless Mockorange. June. 9 feet. Zone 4.

Produces clusters of scentless white flowers to 1¼ inches in diameter. Habit of branching somewhat straggling.

160 12 to 18 in.....	3.00	25.00	----
1880 18 to 24 in.....	4.50	40.00	350.00
1300 2 to 3 ft.....	5.50	50.00	450.00
1600 3 to 4 ft.....	7.00	65.00	600.00

**lemolnei Belle Etolle.** June. 6 feet. Zone 5.

Single, fragrant, pure white flowers having a slight purple tinge deep in throat when first open and of 2-2¼ inches in diameter. Not considered hardy north of southern Iowa.

300 12 to 18 in.....	3.50	30.00	250.00
300 18 to 24 in.....	5.00	45.00	400.00
400 2 to 3 ft.....	6.00	55.00	500.00

**lemolnei Innocence.** June. 8 feet. Zone 5.

One of the most fragrant varieties. The long arching branches are completely covered with large alabaster-white single blooms. Fragrance is more delicate yet more penetrating than Jasmine.

160 18 to 24 in.....	5.00	45.00	----
150 3 to 4 ft.....	8.00	75.00	700.00
300 4 to 5 ft.....	9.50	90.00	850.00

## ORNAMENTAL SHRUBS—Continued

## PHILADELPHUS—Continued

	Per 10	Per 100	Per 1000
<b>Minnesota Snowflake. May-June. 6-7 feet. Plant Pat. No. 538.</b>			
Double, white, fragrant blooms. Plants retain dark green leaves close to ground. Vigorous.			
1400 12 to 18 in.....	\$ 4.50	\$ 40.00	\$350.00
1790 18 to 24 in.....	6.00	55.00	500.00
1080 2 to 3 ft.....	7.00	65.00	600.00
680 3 to 4 ft.....	9.00	85.00	800.00

**virginalis. Virginal. June. 6-8 feet. Zone 5.**

Widely grown and distributed, double flowering, fragrant Mockorange. Flowers are large, 2 inches in diameter and appear intermittently through the summer.

	Per 10	Per 100	Per 1000
980 12 to 18 in.....	\$ 3.50	\$ 30.00	\$250.00
1500 18 to 24 in.....	5.00	45.00	400.00
870 2 to 3 ft.....	6.00	55.00	500.00

**virginalis Albatre. June. 5 feet. Zone 5.**

Produces double white blooms on a compact plant.

	Per 10	Per 100	Per 1000
190 12 to 18 in.....	\$ 3.00	\$ 25.00	\$ ----
200 18 to 24 in.....	4.50	40.00	----
30 2 to 3 ft.....	5.50	----	----

**virginalis Bouquet Blanc. June. 6 feet. Zone 5.**

Single white flowers, 1 inch in diameter, evenly distributed over a mound-like plant.

	Per 10	Per 100	Per 1000
130 12 to 18 in.....	3.50	30.00	----
210 18 to 24 in.....	5.00	45.00	----
110 2 to 3 ft.....	6.00	55.00	----

**virginalis Glacier. June. 5 feet. Zone 5.**

Produces double white flowers to 1½ inch in diameter. Plant is neat and well formed.

	Per 10	Per 100	Per 1000
180 12 to 18 in.....	3.00	25.00	----
120 18 to 24 in.....	4.50	40.00	----
530 2 to 3 ft.....	5.50	50.00	----

## PHYSOCARPUS

**opulifolius. Common Ninebark. May-June. 9 feet. Zone 2.**

Very hardy and vigorous. Does well in most any soil. Small white flowers in clusters. Attractive reddish color fruits turn brown when mature and remain on plant all winter. Bark shreds on larger plants during the winter.

	Per 10	Per 100	Per 1000
300 18 to 24 in.....	4.50	40.00	350.00
200 2 to 3 ft.....	5.50	50.00	450.00
80 3 to 4 ft.....	6.50	60.00	----

**opulifolius aureus. Goldleaf Ninebark. June. 8-10 feet. Zone 2.**

Wide spreading habit but maintains a formal outline. Foliage bright yellow changing to golden brown in late summer. White flowers followed by reddish brown capsules.

	Per 10	Per 100	Per 1000
40 12 to 18 in.....	3.00	25.00	----
200 2 to 3 ft.....	5.50	50.00	----
160 3 to 4 ft.....	6.50	60.00	----

## ORNAMENTAL SHRUBS—Continued

## PHYSOCARPUS—Continued

Per 10    Per 100    Per 1000

**opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 2.**

A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Smaller, less lobed dark green leaves. Flowers and capsules similar to species.

300	2 to 3 ft.	\$ 5.50	\$ 50.00	\$ ----
1000	3 to 4 ft.	6.50	60.00	550.00

## POTENTILLA

**fruticosa Lemon Drop. May-Sept. 4 feet. Zone 5.**

A sturdy, hardy shrub producing lemon yellow blooms over an extremely long season.

20	9 to 12 in.	3.00	----	----
50	12 to 15 in.	4.50	40.00	----

## PRUNUS

**cistena. Purple-leaf Sand Cherry. May. 7 feet. Zone 2.**

Valued especially for its colorful foliage; however, produces blackish purple cherries following small white flowers.

100	18 to 24 in.	6.50	60.00	550.00
600	2 to 3 ft.	8.00	75.00	700.00
60	3 to 4 ft.	11.00	100.00	----

**tomentosa. Manchu Cherry. April. 9 feet. Zone 2.**

Excellent shrub producing white flowers tinged with pink just before the leaves. Edible fruit are scarlet cherries,  $\frac{1}{2}$  inch in diameter.

90	18 to 24 in.	4.50	40.00	----
430	2 to 3 ft.	5.50	50.00	450.00

**tomentosa Orient. April. 9 feet. Zone 2.**

Large shrub, vigorous and productive. Origin is Minnesota Fruit Breeding Farm. Fruit one-half inch in diameter, bright red. Flesh is meaty, juicy, and of pleasant flavor. Ripens early in July. Excellent jelly fruit. Budded on plum.

180	3 to 4 ft.	11.00	100.00	----
150	4 to 5 ft.	14.00	125.00	----

## RHAMNUS

**frangula. Glossy Buckthorn. 18 feet. Zone 2.**

A vigorous shrub valued for its lustrous green foliage, dense habit of growth and numerous small berries. Fruit changes color from green to red to black as the season progresses, and all colors at the same time during late summer.

70	12 to 18 in.	2.50	20.00	----
200	18 to 24 in.	3.00	25.00	----
110	2 to 3 ft.	4.00	35.00	----
20	3 to 4 ft.	5.50	----	----

## RHODOTYPOS

**scandens. Black Jethead. May. 6 feet. Zone 5.**

Four petal white flowers are followed by shiny black berries which remain on the plant all winter. Fine facing shrub and works into border well.

100	12 to 18 in.	3.50	30.00	----
860	18 to 24 in.	4.50	40.00	350.00
1040	2 to 3 ft.	5.50	50.00	450.00
390	3 to 4 ft.	7.00	65.00	600.00

## ORNAMENTAL SHRUBS—Continued

## RHUS

Per 10 Per 100 Per 1000

**aromatica. Fragrant Sumac. May. 3-4 feet. Zone 3.**

An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall foliage. Very hardy and a rapid grower.

510	12 to 18 in.....	\$ 4.50	\$ 40.00	\$350.00
210	18 to 24 in.....	5.50	50.00	450.00
300	2 to 3 ft.....	6.50	60.00	550.00
140	3 to 4 ft.....	8.00	75.00	-----

**glabra. Smooth Sumac. July. 15 feet. Zone 2.**

Small greenish flowers are followed by bunches of crimson berries which hang on into winter. Bright red autumn foliage.

200	12 to 18 in.....	2.50	20.00	-----
-----	------------------	------	-------	-------

**typhina. Staghorn Sumac. June. 20-30 feet. Zone 3.**

Named because of its very fuzzy twigs, this Sumac does well in very dry soils. Brilliant foliage in fall and bright fruit pyramids make this plant stand out among any others all during fall and winter.

140	12 to 18 in.....	2.50	20.00	150.00
240	18 to 24 in.....	3.50	30.00	250.00
280	2 to 3 ft.....	4.50	40.00	350.00

## RIBES

**alpinum. Alpine Currant. May. 6-7 feet. Zone 2.**

An attractively foliaged hardy shrub that makes a dense, compact, upright specimen and more particularly adapts itself to hedging purposes.

120	9 to 12 in.....	3.50	30.00	-----
1430	12 to 15 in.....	4.50	40.00	350.00
620	15 to 18 in.....	6.00	55.00	500.00

## SPIRAEA

**albiflora. Japanese White Spirea. July. 1½ feet. Zone 4.**

Dense, compact, low shrub covered with clusters of white flowers in July.

580	12 to 15 in.....	4.50	40.00	350.00
140	15 to 18 in.....	6.50	60.00	-----

**arguta. Garland Spirea. May. 5-6 feet. Zone 4.**

The most free-flowering and showy of the early Spireas. Flat clusters of pure white flowers on arching branches. Useful specimen and in border

100	12 to 18 in.....	3.00	25.00	-----
450	18 to 24 in.....	4.50	40.00	350.00
940	2 to 3 ft.....	5.50	50.00	450.00

**billardi. Billard Spirea. June. 6 feet. Zone 4.**

Produces pyramidal spikes of bright rose flowers. Form a dense mass of growth.

1670	12 to 18 in.....	3.00	25.00	200.00
2090	18 to 24 in.....	4.50	40.00	350.00
1310	2 to 3 ft.....	5.50	50.00	450.00
1850	3 to 4 ft.....	6.50	60.00	550.00

## ORNAMENTAL SHRUBS—Continued

## SPIREA—Continued

**bumalda Anthony Waterer. June. 2 feet. Zone 4.** Per 10 Per 100 Per 1000

Flat clusters of bright crimson flowers to 6 inches in diameter are produced over a period of several weeks.

5910	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
2330	12 to 15 in.	4.00	35.00	300.00
3960	15 to 18 in.	5.00	45.00	400.00
4900	18 to 24 in.	6.00	55.00	500.00

**bumalda Froebel. Froebel Spirea. June. 2-3 feet. Zone 5.**

A very hardy, vigorous spreading plant producing bright pink flowers. Young foliage has purplish tips. Autumn coloration reddish bronze.

		Per 10	Per 100	Per 1000
1480	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
3110	12 to 18 in.	4.00	35.00	300.00
4200	18 to 24 in.	4.50	40.00	350.00
2690	2 to 2½ ft.	5.50	50.00	450.00

**japonica coccinea. Redflowering Japanese Spirea. July. 4 feet. Zone 4.** Per 10 Per 100 Per 1000

Similar in growth and habit to Anthony Waterer Spirea but much clearer and richer coloring. Foliage shows little fading to magenta.

2050	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
1180	12 to 15 in.	4.00	35.00	300.00
450	15 to 18 in.	5.00	45.00	400.00

**margaritae. Margarita Spirea. June. 4 feet. Zone 4.**

Hybrid cross of japonica and superba. Small bright rose flowers in flat clusters 3 to 6 inches in diameter. Responds well to slight early spring pruning.

170	9 to 12 in.	3.00	25.00	----
60	12 to 15 in.	4.00	35.00	----

**thunbergi. Thunberg Spirea. May. 5 feet. Zone 4.**

Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.

1800	12 to 18 in.	3.00	25.00	220.00
2830	18 to 24 in.	4.50	40.00	350.00
3410	2 to 3 ft.	5.50	50.00	450.00

**vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.**

Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.

9500	12 to 18 in.	2.50	22.00	200.00
11310	18 to 24 in.	3.50	32.00	300.00
1070	2 to 3 ft.	4.50	40.00	350.00
170	3 to 4 ft.	5.50	50.00	----

## SYMPHORICARPOS

**albus. Common Snowberry. June. 6 feet. Zone 3.**

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

60	12 to 18 in.	2.00	15.00	----
350	18 to 24 in.	3.00	25.00	----

## ORNAMENTAL SHRUBS—Continued

## SYMPHORICARPOS—Continued

Per 10   Per 100   Per 1000

**orbiculatus, Indiancurrant Coralberry. July. 5-6 feet. Zone 2.**

Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.

350	12 to 18 in.	\$ 2.00	\$ 15.00	\$-----
50	18 to 24 in.	3.00	25.00	-----
70	2 to 3 ft.	3.50	30.00	-----

## SYRINGA

**chinensis, Chinese Lilac. May. 15 feet. Zone 5.**

Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardiness.

800	12 to 18 in.	4.00	35.00	300.00
410	18 to 24 in.	5.00	45.00	400.00
50	2 to 3 ft.	6.00	55.00	-----
100	3 to 4 ft.	7.00	65.00	-----

**josikaea, Hungarian Lilac. June. 12 feet. Zone 2.**

Violet flowers in terminal panicles to 7 inches long. Glossy green foliage. Adaptable to clipping.

750	12 to 18 in.	3.50	30.00	250.00
820	18 to 24 in.	4.50	40.00	350.00
800	2 to 3 ft.	5.50	50.00	450.00

**villosa, Late Lilac. June. 9 feet. Zone 2.**

Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all lilacs.

830	12 to 18 in.	3.50	30.00	-----
1140	18 to 24 in.	4.50	40.00	-----
740	2 to 3 ft.	5.50	50.00	-----
60	2 to 3 ft.	7.00	65.00	-----

**vulgaris alba, White Common Lilac. May. 20 feet. Zone 3.**

A vigorous shrub with clusters of single white flowers among the attractive green foliage.

60	12 to 18 in.	3.50	30.00	-----
560	18 to 24 in.	4.50	40.00	350.00
740	2 to 3 ft.	5.50	50.00	450.00

**vulgaris purpurea, Common Lilac. May. 20 feet. Zone 3.**

A hardy, attractive shrub with large clusters of purplish flowers.

3350	12 to 18 in.	3.50	30.00	250.00
2800	18 to 24 in.	4.50	40.00	350.00
2750	2 to 3 ft.	5.50	50.00	450.00
640	3 to 4 ft.	7.00	65.00	600.00

**vulgaris, Hybrids and Horticultural Varieties, May. 15 feet. Zone 3.**

OWN ROOT. These Lilacs have been grown from layers and root cuttings or grafted on California Privet and thus are largely on their own root. The California Privet either dies out or is cut out as a storage process.

These marvelous products of selection are rapidly becoming the most popular flowering shrubs because they are used as specimens, ornamental clumps, screens, and for hedges.

9 to 12 in.	3.50	30.00	-----
12 to 18 in.	4.50	40.00	-----

Chas. X. Single, reddish-purple	1090	2110	12/18" 9/12"
President Grevy. Double blue	2520	1560	

## ORNAMENTAL SHRUBS—Continued

## TAMARIX

	Per 10	Per 100	Per 1000
<b>hispid. Kashgar Tamarisk. June. 15 feet. Zone 6.</b>			
Fine, feathery blue-green foliage sets off bright pink flowers. Produces bloom on new wood so that severe spring pruning may be practiced.			
220 12 to 18 in.....	\$ 3.00	\$ 25.00	\$-----
120 18 to 24 in.....	4.50	40.00	-----
<b>hispid Summer Glow. July. 8 feet. Zone 6.</b>			
The finest variety we have ever seen. Lacy, silvery-blue foliage. Tyran rose flowers in spikes all summer. Good in dry soil, sun or part shade.			
240 9 to 12 in.....	2.50	20.00	180.00
360 12 to 18 in.....	3.50	30.00	-----
<b>tetrandra. Fourstamen Tamarisk. May. 10-12 feet. Zone 4.</b>			
Slender branches of reddish-bronze bark. Pink flowers. Very hardy.			
90 12 to 18 in.....	3.50	30.00	-----
120 18 to 24 in.....	4.50	40.00	-----

## VIBURNUM

<b>dentatum. Arrowwood Viburnum. June. 15 feet. Zone 2.</b>			
Attractive foliage. Flat clusters of white flowers are followed by blue-black fruit. Glossy red fall foliage. Strong, rapid grower.			
500 12 to 18 in.....	3.50	30.00	250.00
1760 18 to 24 in.....	4.50	40.00	350.00
1930 2 to 3 ft.....	5.50	50.00	450.00
1360 3 to 4 ft.....	7.50	70.00	650.00
<b>dilatatum. Linden Viburnum. June. 9 feet. Zone 5.</b>			
Creamy white flowers in flat clusters on a dense, compact shrub. Bright red fruit clusters, as much as 5 inches in diameter cover the plant each fall. Russet red autumn foliage.			
90 12 to 15 in.....	3.00	-----	-----
70 15 to 18 in.....	4.50	-----	-----
120 18 to 24 in.....	5.50	-----	-----
150 2 to 2½ ft.....	7.50	70.00	-----
<b>juddi. Judd Viburnum. May. 5 feet. Zone 4.</b>			
Improved type of V. carlesi with blooms exactly the same. Resistant to black spot.			
110 12 to 15 in. Moss & Burlap.....	13.50	115.00	-----
20 15 to 18 in. Moss & Burlap.....	16.50	-----	-----
<b>lantana. Wayfaringtree Viburnum. May. 15 feet. Zone 3.</b>			
Produces white flowers in flat clusters followed by bright red berries that turn black in fall when foliage becomes red.			
250 12 to 18 in.....	3.50	30.00	-----
490 18 to 24 in.....	4.50	40.00	-----
500 2 to 3 ft.....	5.50	50.00	-----
130 3 to 4 ft.....	7.00	65.00	-----
300 4 to 5 ft.....	9.00	85.00	-----
<b>lentago. Nannyberry Viburnum. May. 30 feet. Zone 2</b>			
Shiny green leaves and a splendid purplish red autumn color rate this Viburnum as an excellent background or screen plant. Flat clusters of white flowers are followed by black berries valuable as winter bird food.			
770 12 to 18 in.....	3.50	30.00	250.00
1570 18 to 24 in.....	5.00	45.00	400.00
1880 2 to 3 ft.....	5.50	50.00	450.00
180 3 to 4 ft.....	7.50	70.00	-----
70 4 to 5 ft.....	9.00	85.00	-----



## ORNAMENTAL SHRUBS—Continued

## VIBURNUM—Continued

	Per 10	Per 100	Per 1000
<b>molle. Kentucky Viburnum. June. 12 feet. Zone 3.</b>			
White flowers in long stemmed clusters to 3 inches across. Blue-black fruit.			
190 12 to 18 in.....	\$ 3.00	\$ 25.00	\$ ----
360 18 to 24 in.....	4.50	40.00	----
130 2 to 3 ft.....	5.50	50.00	----
<b>opulus. European Cranberrybush. May. 12 feet. Zone 3.</b>			
Smooth, light gray branches. White flowers in flat clusters are followed by red berries. Fruit is effective both in fall and winter.			
80 12 to 18 in.....	4.00	35.00	----
<b>opulus sterilis. Common Snowball. May. 10-12 feet. Zone 3.</b>			
A well-known shrub of upright, spreading branch habit. Produces white flowers in round clusters in early spring.			
680 12 to 18 in.....	4.00	35.00	300.00
300 18 to 24 in.....	5.00	45.00	----
<b>rhytidophylloides. Lantanaphyllum Viburnum. 8 feet. Zone 5.</b>			
A new Viburnum introduced by Arnold Arboretum. Larger leaves and a better green than V. rhytidophyllum. Yellowish-white flowers and red berries that turn black. Grows in almost any soil.			
190 18 to 24 in. Moss & Burlap.....	19.00	175.00	----
340 2 to 2½ ft. Moss & Burlap.....	27.50	250.00	----
360 2½ to 3 ft. Moss & Burlap.....	35.00	325.00	----
<b>sieboldi. Siebold Viburnum. May-June. 9 feet. Zone 5.</b>			
White flowers, pink fruits turning black. Rich, dark green foliage.			
130 12 to 18 in.....	4.00	35.00	----
70 18 to 24 in.....	5.50	50.00	----
40 2 to 3 ft.....	6.50	----	----
<b>tomentosum. Doublefile Viburnum. May. 8 feet. Zone 4.</b>			
White flowers in flat heads followed by bright red berries that turn to blue-black. Horizontal branching habit. Dull red autumn foliage.			
100 12 to 18 in.....	3.50	30.00	----
40 18 to 24 in.....	4.50	----	----
40 2 to 3 ft.....	5.50	----	----
<b>tomentosum Mariesi. Maries Doublefile Viburnum. May. 9 feet. Zone 4.</b>			
Long stemmed flat clusters of white flowers over 4 inches across. Marginal flowers sterile and larger. Red fruit turning blue-black.			
100 12 to 18 in.....	4.00	35.00	----
<b>WEIGELA</b>			
<b>Bristol Ruby. May. 5 feet. Zone 5.</b>			
Plant patent No. 492. Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.			
90 2 to 3 ft. (Retail \$2.50 each).....	9.00	80.00	700.00
260 3 to 4 ft. (Retail \$3.00 each).....	12.50	115.00	----
<b>Dwarf variegated. May. 5 feet. Zone 5.</b>			
Leaves variegated with white. Flowers pale pink, almost white. Compact plant.			
200 18 to 24 in.....	5.50	50.00	----
1480 2 to 3 ft.....	7.00	65.00	600.00
<b>floribunda. Crimson Weigela. May-June. 8 feet. Zone 5.</b>			
Strong vigorous growing variety with an abundance of crimson flowers.			
90 18 to 24 in.....	5.00	45.00	----
270 2 to 3 ft.....	6.00	55.00	----
50 3 to 4 ft.....	7.50	----	----
<b>Newport Red. May. 6 feet. Zone 4.</b>			
Vanicek has been established as the same plant by the Arnold Arboretum. Masses of bright crimson trumpet shaped flowers on a hardy plant of neat habit.			
210 2 to 3 ft.....	6.50	60.00	----
310 3 to 4 ft.....	8.00	75.00	700.00

## Vines

(Tied, 2 year No. 1, 10; 2 year Medium, 25 per bundle)

Per 10 Per 100 Per 1000

### CAMPISIS

**radicans. Common Trumpet creeper. July. 30 feet. Zone 4.**

A shrubby vine that clings to stone or woodwork. Brilliant orange to scarlet flowers are its chief attraction.

1340 2 year, Medium	\$ 3.00	\$ 25.00	\$200.00
---------------------	---------	----------	----------

### CELASTRUS

**orbiculata. Oriental Bittersweet. June. 36 feet. Zone 4.**

An excellent twining vine. Leaves are more rounded than *C. scandens* and fruits, which are yellow and red berries, are in small lateral clusters instead of large terminal clusters.

510 2 year, No. 1	3.50	30.00	250.00
980 2 year, Medium	3.00	25.00	200.00

**scandens. American Bittersweet. June. 20 feet. Zone 3.**

Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.

1040 3 year, No. 1	4.00	35.00	300.00
2680 2 year, No. 1	3.50	30.00	250.00
2570 2 year, Medium	3.00	25.00	200.00

### EUONYMUS

**fortunei radicans. Common Winter creeper. 25 feet. Zone 5.**

Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.

1440 2 year, No. 1	6.50	60.00	550.00
650 2 year, Medium	5.50	50.00	450.00

### LONICERA

**heckrothii Gold Flame. June. 30 feet. Zone 5.**

Blooms all summer. The showy flowers, borne in clusters, are red outside and a deep yellow inside. Very fragrant.

560 2 year, No. 1	4.50	40.00	350.00
500 2 year, Medium	4.00	35.00	300.00

**japonica halliana. Hall's Japanese Honeysuckle. June. 25 feet. Zone 4.**

White trumpet shaped flowers turn yellow with age. Semi-evergreen foliage turns bronze in autumn. Grows well in sun or shade and is frequently used as a ground cover. Rapid grower.

	Per 10	Per 100	Per 1000
1040 3 year, No. 1	\$ 3.00	\$ 25.00	\$200.00
3530 2 year, No. 1	2.50	22.00	200.00
1270 2 year, Medium	2.00	18.00	150.00

Per 10 Per 100 Per 1000

### PARTHENOCISSUS

**quinquefolia engelmanni. Engelmann Ivy. 50 feet. Zone 3.**

A hardy, clinging vine producing dense green foliage that turns a vivid red in autumn. Leaves smaller than the species.

1100 2 year, No. 1	\$ 3.50	\$ 30.00	\$250.00
1590 2 year, Medium	3.00	25.00	200.00

**tricuspidata veitchii. Veitch Boston Ivy. 60 feet. Zone 4.**

A graceful and hardy clinging vine. Glossy green foliage, purple when young and turning bright scarlet in fall. Rapid grower. Available **SPRING** only.

500 2 year, No. 1	5.50	50.00	-----
2830 2 year, Medium	4.00	35.00	-----

# Hedging

## CARAGANA

### arborescens. Siberian Peashrub.

	Per 100	Per 1000
41300 6 to 12 in.-----	\$ 2.40	\$ 20.00
13750 12 to 18 in.-----	3.50	30.00
1800 2 to 3 ft.-----	6.00	55.00
470 3 to 4 ft.-----	7.50	65.00

## LIGUSTRUM

### amurense. Amur River North Privet. June. 15 feet. Zone 3.

Produces white flowers in small spikes followed by dull, small black berries.

5000 lot

	Per 100	Per 1000	Per 1000
8200 12 to 18 in., 2 canes and up-----	\$ 9.00	\$ 80.00	\$ 60.00
3100 12 to 18 in., 3 canes and up-----	12.00	100.00	75.00
4320 18 to 24 in., 2 canes and up-----	12.00	100.00	75.00
3330 18 to 24 in., 3 canes and up-----	14.00	125.00	100.00
730 2 to 3 ft., 2 & 3 canes and up-----	14.00	125.00	100.00
5620 2 to 3 ft., 4 canes and up-----	18.00	150.00	135.00
2100 3 to 4 ft., 4 canes and up-----	22.00	180.00	-----

Must be 3000 of a size for 5000 rate.

### ibolium. Ibolium Privet. June. 12 feet. Zone 4.

Hardier than the California Privet but very similar to it.

	Per 100	Per 1000
700 9 to 12 in.-----	\$ 5.60	\$ 50.00
3890 12 to 18 in., 3 canes and up-----	9.00	80.00
400 18 to 24 in., 3 canes and up-----	12.00	100.00

### ovalifolium. California Privet. June. 15 feet. Zone 5.

Creamy white flowers in small clusters are followed by black berries.

2440 9 to 12 in., branched-----	5.60	50.00
23900 12 to 18 in., branched-----	9.00	80.00
3100 18 to 24 in., branched-----	12.00	100.00
500 2 to 3 ft., branched-----	16.50	140.00

## LONICERA

### tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Flowers are rosy pink outside and light pink inside.

900 9 to 12 in.-----	8.50	75.00
4800 12 to 18 in.-----	11.00	100.00
4400 18 to 24 in.-----	16.00	140.00
190 2 to 3 ft.-----	21.50	-----

### zabeli. Zabel Honeysuckle. May. 7 feet. Zone 4.

Generally accepted as the best of the improved strains of Red Honeysuckle.

Prolific in berry. Tidy and hardy.

1200 9 to 12 in.-----	11.00	100.00
12400 12 to 18 in.-----	16.00	140.00
3100 18 to 24 in.-----	21.50	190.00

## ROSA

### multiflora. Japanese Rose. June. 10 feet. Zone 5.

One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.

67400 1/4 to 3/8 in. cal.-----	5.00	45.00
22500 No. 1, 3/16 to 1/4 in.-----	4.00	35.00
11300 No. 2, 2/16 to 3/16 in.-----	3.00	25.00

## ULMUS

### pumila. Chinese Elm.

An excellent hedging material. "Lining Out Stock"

NOTE: *Lonicera heckrottii* makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

## Specimen Evergreens

PRICES include digging, BALLED and BURLAPPED by experienced personnel; however, ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED OUR RESPONSIBILITY CEASES. We DO NOT guarantee survival.

Evergreens that are selected and marked by customers in the nursery will carry 20 per cent additional charge added to the following listed prices.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

Per 10 Per 100 Per 1000

### JUNIPERUS

#### *chinensis pfitzeriana*. Pfitzer Juniper. Zone 4.

Valuable natural spreading habit of growth.

2000	15 to 18 in.	\$27.50	\$250.00	\$2250.00
5210	18 to 24 in.	32.50	300.00	2750.00
1840	2 to 2½ ft.	37.50	350.00	3250.00

#### *chinensis pfitzeriana compacta*.

Compact form of Pfitzer.

580	15 to 18 in.	33.00	300.00	-----
270	18 to 24 in.	37.50	350.00	-----

#### *chinensis pfitzeriana* Silver Blue. Blueleaf.

Similar to regular Pfitzer but with shining silvery-blue color.

150	15 to 18 in.	32.50	300.00	-----
300	18 to 24 in.	37.50	350.00	-----
100	2 to 2½ ft.	45.00	425.00	-----

#### *chinensis sargentii*. Sargent Juniper.

Prostrate shrub with creeping stems.

90	15 to 18 in.	32.50	-----	-----
----	--------------	-------	-------	-------

#### *chinensis sargentii* Ames. Ames Juniper.

Broad upright plant, tapering to a pointed top.

100	15 to 18 in.	32.50	300.00	-----
240	18 to 24 in.	37.50	350.00	-----
120	2 to 2½ ft.	45.00	425.00	-----

#### *communis hibernica*. Irish Juniper.

A dense, upright form of *communis*. Very symmetrical with glaucous green foliage.

450	18 to 24 in.	15.00	125.00	-----
500	2 to 3 ft.	22.50	200.00	-----
600	3 to 4 ft.	30.00	275.00	-----

#### *glauca* Hetz.

A fine foliated, vigorous spreader. Maintains its blue-green foliage color all year.

170	2½ to 3 ft.	42.50	400.00	-----
200	3 to 3½ ft.	50.00	475.00	-----

#### *horizontalis plumosa*. Andorra Juniper.

Foliage more feathery and a lighter green than *horizontalis*. Turns pinkish to purple color in autumn and remains until new growth starts.

300	15 to 18 in.	27.50	250.00	2250.00
1100	18 to 24 in.	32.50	300.00	2750.00
520	2 to 2½ ft.	35.00	325.00	3000.00

## SPECIMEN EVERGREENS—Continued

## JUNIPERUS—Continued

Per 10 Per 100 Per 1000

**procumbens. Japgarden Juniper.**

Spreading shrub to 2 feet high.

100	18 to 24 in.	\$42.50	\$400.00	\$----
-----	--------------	---------	----------	--------

**sabina. Savin Juniper.**

Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups or low borders.

280	15 to 18 in.	27.50	250.00	----
40	2 to 2½ ft.	37.50	350.00	----
70	2½ to 3 ft.	45.00	425.00	----

**scopulorum Cologreen.**

Light green foliage. Conical habit of growth.

30	2 to 2½ ft.	42.50	----	----
80	2½ to 3 ft.	47.50	----	----
10	3 to 3½ ft.	55.00	----	----

**scopulorum Moffeti.**

Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.

35	3 to 3½ ft.	55.00	----	----
35	3½ to 4 ft.	62.50	----	----

**scopulorum. Rocky Mountain Juniper.**

Very hardy. Thrives in hot, dry weather. Grown from seed.

50	3 to 4 ft.	47.50	450.00	----
----	------------	-------	--------	------

**scopulorum Welchi.**

Of columnar habit and greenish silver color.

140	2 to 2½ ft.	42.50	400.00	----
70	3½ to 4 ft.	62.50	600.00	----
15	4 to 4½ ft.	70.00	----	----

**virginiana Burki.**

Columnar growth habit and steel blue thick foliage. Responds to pruning.

250	2 to 2½ ft.	42.50	400.00	----
240	2½ to 3 ft.	47.50	450.00	----

**virginiana Canaert.**

Of columnar habit and greenish silver color.

240	2 to 2½ ft.	42.50	400.00	----
200	2½ to 3 ft.	47.50	450.00	----
16	3 to 3½ ft.	55.00	----	----

**virginiana Cupressifolia.**

Resembles Canaerti in color and form but grows faster.

80	3 to 3½ ft.	55.00	500.00	----
140	3½ to 4 ft.	62.50	575.00	----
28	4 to 4½ ft.	70.00	----	----

**virginiana glauca.**

Very blue-gray leaves.

140	2 to 2½ ft.	42.50	400.00	----
-----	-------------	-------	--------	------

## SPECIMEN EVERGREENS—Continued

## JUNIPERUS—Continued

Per 10 Per 100 Per 1000

**virginiana Hill Dundee.**

Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.

40	2½ to 3 ft.	\$47.50	\$450.00	\$
200	3½ to 4 ft.	62.50	600.00	----
70	4 to 4½ ft.	70.00	-----	-----

**virginiana Keteleer.**

Compact pyramidal form with ascending branches and dark green scale-like foliage.

40	2 to 2½ ft.	42.50	400.00	----
16	2½ to 3 ft.	47.50	450.00	----
35	3 to 3½ ft.	55.00	500.00	----
130	4 to 4½ ft.	70.00	675.00	----

## PINUS

**nigra. Austrian Pine. 60-70 feet. Zone 2.**

Remarkably robust, spreading tree. Leaves long, stiff and dark green. Used extensively in cities as it is not affected by gasses and smoke.

280	2 to 3 ft.	40.00	-----	-----
60	3 to 4 ft.	60.00	-----	-----

## THUJA

**occidentalis globosa. Globe Arborvitae. 3 feet.**

Popular globe type for sun or shade.

180	12 to 15 in.	15.00	-----	-----
140	15 to 18 in.	20.00	175.00	-----

**occidentalis Little Champion. 20-36 inches. Zone 2.**

A superb new evergreen originating in Canada. Grows thick and bushy without shearing. Rich, bright green foliage is lacy and soft. Very hardy.

340	15 to 18 in.	20.00	175.00	-----
-----	--------------	-------	--------	-------

**occidentalis Pyramidal. Pyramidal American Arborvitae.**

Foliage of rich green. Narrow, pyramidal habit.

245	2½ to 3 ft.	32.50	300.00	-----
30	3½ to 4 ft.	42.50	-----	-----
150	4 to 5 ft.	47.50	450.00	-----
48	5 to 6 ft.	55.00	-----	-----

# Lining Out Stock

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

Tied: 3-4 ft. and up, 25; 2-3 ft. 50; 18-24 in. and smaller, 100 per bundle.  
25 of each variety is a minimum order for potted liners.

	Per 100	Per 1000
<b>ACER</b>		
<i>platanoides</i> . Norway Maple. 1 year seedlings.		
500 4 to 6 in.....	\$ 4.50	\$ 28.00
1600 6 to 9 in.....	5.50	35.00
1400 9 to 12 in.....	7.00	50.00
700 12 to 18 in.....	8.00	60.00
<i>rubrum</i> . Red Maple. 1 year seedlings.		
1200 6 to 9 in.....	6.00	40.00
1400 9 to 12 in.....	8.00	60.00
3600 12 to 18 in.....	9.00	80.00
<b>CALLICARPA</b>		
<i>dichotoma</i> . Purple Beautyberry. 1 year seedlings.		
100 12 to 18 in.....	10.00	-----
1100 18 to 24 in.....	12.50	100.00
600 2 to 3 ft.....	16.00	150.00
<b>CARAGANA</b> . Siberian Peashrub.		
35000 6 to 12 in.....	2.10	18.00
3500 12 to 18 in.....	3.50	30.00
<b>CERCIS</b> . <i>canadensis</i> . Eastern Redbud.		
10000 18 to 24 in.....	12.00	100.00
4000 2 to 3 ft.....	16.00	140.00
<b>CORNUS</b>		
<i>florida</i> . Flowering Dogwood. 1 year seedlings.		
2200 18 to 24 in.....	8.00	75.00
2100 2 to 3 ft.....	11.00	100.00
<i>stolonifera</i> . Redosier Dogwood. 1 year seedlings.		
1000 9 to 12 in.....	4.50	35.00
3600 12 to 18 in.....	6.50	60.00
2200 18 to 24 in.....	8.50	80.00
<b>JUGLANS</b>		
<i>nigra</i> . Black walnut. 2 year seedlings.		
680 4 to 5 ft.....	16.00	140.00
<b>MALUS</b>		
Apple Seedlings. Washington Grown.		
10000 No. 1, 3/16 to 1/4 in. Branched.....	4.10	36.00
<b>MORUS</b>		
<i>tatarica</i> . Russian Mulberry. 1 year seedlings.		
300 6 to 12 in.....	1.80	15.00
2400 12 to 18 in.....	2.50	20.00
4000 18 to 24 in.....	3.50	30.00
1100 2 to 3 ft.....	4.50	40.00

## LINING OUT STOCK—Continued

		Per 100	Per 1000
<b>POPULUS</b>			
<b>Carolina and Norway Poplar. 1 yr. hardwood cuttings.</b>			
800	5 to 6 ft.	\$21.00	\$180.00
600	6 to 8 ft.	28.00	240.00
<b>Lombardy Poplar. 1 year hardwood cuttings.</b>			
9000	4 to 5 ft., lightly branched	14.00	120.00
8500	5 to 6 ft., lightly branched	21.00	180.00
1400	6 to 8 ft., lightly branched	28.00	240.00
<b>QUERCUS</b>			
<b>borealis. Northern Red Oak. 1 and 2 year seedlings.</b>			
1400	9 to 12 in.	7.00	60.00
<b>palustris. Pin Oak. 1 and 2 year seedlings.</b>			
4000	2 to 3 ft.	22.50	200.00
1000	3 to 4 ft.	33.00	300.00
<b>SYRINGA</b>			
<b>Josikaea. Hungarian Lilac. 2 year seedlings.</b>			
500	12 to 18 in. seedlings	8.50	75.00
4200	18 to 24 in. seedlings	12.00	100.00
3200	2 to 3 ft. seedlings	15.00	135.00
<b>villosa. Late Lilac. 1 and 2 year seedlings.</b>			
7800	6 to 9 in.	4.00	35.00
9500	9 to 12 in.	6.50	60.00
3800	12 to 18 in.	8.50	75.00
500	18 to 24 in.	12.00	100.00
<b>vulgaris. Common Purple Lilac. 1 year seedlings.</b>			
2300	6 to 9 in. seedlings	3.00	25.00
5200	9 to 12 in. seedlings	4.00	35.00
1800	12 to 18 in. seedlings	6.50	60.00
400	18 to 24 in. seedlings	8.50	75.00
<b>ULMUS</b>			
<b>pumila. Siberian Elm. 1 and 2 year seedlings.</b>			
2000	3 to 4 ft. Root pruned	7.00	60.00
6800	4 to 5 ft. Root pruned	12.00	100.00
500	5 to 6 ft. Root pruned	19.00	160.00
<b>VIBURNUM</b>			
<b>dentatum. Arrowwood. 1 year seedlings.</b>			
3800	9 to 12 in.	9.00	75.00
9500	12 to 18 in.	12.00	100.00
5600	18 to 24 in.	16.00	140.00
<b>lantana. Wayfaringtree Viburnum. 1 and 2 year seedlings.</b>			
3800	9 to 12 in.	7.00	65.00
300	12 to 18 in.	9.00	75.00
2800	18 to 24 in.	12.00	100.00
1000	2 to 3 ft.	16.00	140.00



## ROSES

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

### OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

### WE DO NOT BREAK BUNDLES

Following the procedure of the American Rose Society, national ratings are given following the name: (9.1). The numeral following rating indicates relative height; 1 means low, 2 medium, 3 tall. Relative fragrance is indicated by the letter: S slightly fragrant, F moderate, V very fragrant.

### TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1 .....	\$ 6.50	\$ 60.00	\$550.00
No. 1½ .....	5.25	47.50	425.00

### RED SHADES

	No. 1	No. 1½
Christopher Stone, (8.1) 2 F. Vivid-scarlet, free blooming plant. ....	160	
Crimson Glory, (9.1) 3 V. Large, double, deep velvety crimson with shadings. ....	100	
Etoile de Hollande, (8.1) 2 V. Bright red unfading bloom on upright stem. Free flowering. ....	100	
Poinsettia, (7.6) 3 S. One of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower. Free bloomer. ....	100	

### PINK SHADES

Dainty Bess, (8.4) 2 V. Soft rose pink. Foliage heavy. Strong grower. Excellent blooming habit. ....	140	
Picture, (8.0) 2 S. Clear rose-pink. Large and double. ....	100	
Pink Dawn, (7.1) 2 V. Deep rose-pink. Large and double. ....	450	
Pink Radiance, (7.9) 3 V. Large rose-pink. Long stems. Dependable. ....	690	

### TWO-TONED SHADES

Condesa de Sastago, (7.4) 3 F. Petals are coppery pink inside, golden reverse. ....	160	
McGredy's Sunset, (7.5) 2 F. Double flowers chrome yellow at base, shading to bright scarlet with yellow reverse. ....	80	50
Mme. Joseph Perraud, (7.0) 2 F. Large double blooms of yellow with deep copper tint at center. ....	160	80
Mrs. Sam McGredy, (7.9) 2 F. Large long pointed bud. Flower large, double scarlet-copper-orange, heavily flushed with red on outside of petals. ....	130	130
Pres. Herbert Hoover, (7.7) 3 F. Varying orange shades with lighter outside petals. Double. ....	50	120
Saturnia, (8.1) 2 F. Bright scarlet with gold recesses. Dark, glossy foliage. ....		150
Talisman, (6.5) 3 F. Golden yellow and copper blooms on long stems. ....	290	

### WHITE SHADES

K. A. Viktoria, (6.7) 3 S. Very double, snow white, lemon tinted center. ....	460	150
McGredy's Ivory, (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage. ....	380	40
Mme. Jules Bouche, (7.0) 2 F. White with pale bluish center. Persistent bloomer. ....	620	90
Pedralbes, (7.4) 2 S. Cream turning to pure white. Large, double. ....	450	100

## ROSES—Continued

## TEA, HYBRID TEA AND EVERBLOOMING— Continued

## YELLOW SHADES

	No. 1	No. 1½
Eclipse, (8.1) 3 F. Long-pointed buds of deep gold opening to golden yellow blooms on long stems. Profuse bloomer. ....	160	----
Golden Charm, ( ) F. Deep unshaded yellow sport of Talisman. ....	140	----
Golden Dawn, (7.5) 1 V. Double bloom of light sunflower yellow. Bud flushed old rose. Low spreading plant. ....	260	30
Golden Rapture, (6.2) 2 F. Very large, (40 petals), double flowers of clear golden yellow. Old rose fragrance. ....	----	90
Joanna Hill, (7.1) 2 F. Double blooms of golden buff, yellow center. ..	570	390
McGredy's Yellow, (7.5) 2 S. Large, double flowers of bright buttercup yellow. ....	220	120
Mrs. P. S. DuPont, (7.4) 2 V. Bud reddish-gold, flower golden-yellow, lighter with age. Double. ....	100	20
Soeur Therese, (7.5) 2 S. Double, rich yellow blooms. Bronze foliage. ....	520	120

## DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
No. 1 -----	\$ 6.50	\$ 60.00	\$550.00
No. 1½ -----	5.25	47.50	425.00
		No. 1	No. 1½
<b>Cameo, (7.8)</b> Clusters of salmon-pink turning orange-pink, blooms continuously. -----		610	----
<b>Charlie McCarthy, (6.5)</b> 1 F. Clusters of creamy white buds and double white blooms. 18 inches. Fine for borders. -----		450	----
<b>Dagmar Spaeth, (8.2)</b> 2 F. Alabaster white, edged pink. -----		1830	----
<b>Donald Prior, (8.3)</b> 2 F. Immense clusters of semidouble, brilliant red flowers. Continuous bloomer. -----		420	----
<b>Else Poulsen, (7.6)</b> 3 S. Splendid bright rose-pink flowers of large size. -----		570	20
<b>Eutin, (8.6)</b> 2 S. Immense clusters of double, carmine-red flowers. Vigorous grower. Mildew resistant bush. Continuous bloomer. ..		730	90
<b>Floradora, (8.2)</b> 3 S. Scarlet and geranium red floribunda producing double 50 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award. -----		2280	140
<b>Frensham, (8.6)</b> 2 S. Deep unfading scarlet in large trusses. Semi-double. Free blooming. -----		1100	140
<b>King Boreas, (6.9)</b> 2 F. Very double, pure yellow shading to nearly white. Recurrent bloomer. Hardy. -----		320	30
<b>Lafayette Improved, (7.8)</b> 2 S. Large flowers of bright cherry-crimson. -----		4260	690
<b>Lipstick, ( )</b> 3 S. Deep cerise shaded salmon in clusters on long stems. -----		80	120
<b>Permanent Wave, (8.1)</b> 3 S. Bright carmine, semi-double flowers in clusters. Edges of petals wavy. -----		520	140
<b>Pinocchio, (7.8)</b> 2 F. Blooms double, pink suffused salmon in long sprays. -----		1110	230
<b>Poulsen's Bedder, (7.4)</b> 1 S. Produces masses of large slightly ruffled blooms of a clear rich pink. Long lasting. -----		1260	130
<b>Red Ripples, (7.7)</b> 2 S. Immense clusters of flowers opening oxblood red to carmine. -----		660	70
<b>Rosenelfe, (8.2)</b> 2 F. Double, LaFrance pink flowers in clusters on long, strong stems. -----		220	140
<b>World's Fair, (8.0)</b> 2 F. Blooms in large clusters of deep crimson fading to scarlet. -----		1380	240

## ROSES—Continued

## CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
<b>Cl. Blaze, (8.1) S. Hardy, vigorous climbing rose similar to Paul's Scarlet. Large clusters of brilliant scarlet blooms.</b>			
400 No. 1 .....	\$ 6.50	\$ 60.00	\$550.00
540 No. 1½ .....	5.50	50.00	450.00
<b>Cl. Blaze, ( ) Everblooming. An improved strain that blooms throughout the summer. Produces brilliant scarlet red flowers of large size.</b>			
1440 No. 1 .....	7.00	65.00	-----
300 No. 1½ .....	6.00	55.00	-----
<b>Cl. City of York, (8.6) F. Semi-double, creamy-white in clusters of 7 to 15. Very vigorous climber and blooms profusely.</b>			
740 No. 1 .....	6.50	60.00	550.00
260 No. 1½ .....	5.50	50.00	-----
<b>C. Doubleblooms, (7.1) F. Double, rich gold, fragrant flowers in clusters on strong stems.</b>			
180 No. 1 .....	6.50	60.00	-----
200 No. 1½ .....	5.50	50.00	-----
<b>Climbing Hybrid Tea</b>			
No. 1 .....	7.00	65.00	-----
No. 1½ .....	6.00	55.00	-----
		No. 1	No. 1½
<b>Cl. Pink Dawn, ( ) Deep rose pink.</b> .....		30	230
<b>Cl. Pink Radiance, ( ) Rose pink.</b> .....		400	720
<b>Mary Wallace, (7.8) F. Semi-double rose-pink. Rich green foliage. Profuse seasonal bloomer.</b>			
50 No. 1 .....	6.00	55.00	-----
120 No. 1½ .....	5.00	45.00	-----
<b>Cl. Paul's Scarlet, (9.1) S. Large intense scarlet flowers borne in clusters, free-flowering and hardy.</b>			
850 No. 1 .....	6.00	55.00	500.00
110 No. 1½ .....	5.00	45.00	-----

## RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100
<b>Grootendorst Supreme, Sport of F. J. Grootendorst. Deep crimson-red and longer lasting flowers than its parent.</b>		
180 18 to 24 in. ....	\$ 6.00	\$ 55.00
510 2 to 3 ft. ....	7.00	65.00

## PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. PRICES ARE NET.

**SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.**

## HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Applause, (7.8) 2 S. Patent No. 829. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Light red buds slowly open to perfectly shaped fifty-petaled blooms.</b>				
380 No. 1 .....	\$1.25	\$ 1.12½	\$ 1.05	\$ .95
360 No. 1½ .....	1.00	.90	.84	.76

## ROSES—Continued

## PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Aztec, ( ) Patent No. 1648. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) A vivid scarlet-orange beauty, with big, long-lasting, show-type flowers on a vigorous easily grown plant. Ovoid buds and double high-centered blooms.</b>				
150 No. 1½	\$1.20	\$ 1.10	\$ ----	\$ ----
<b>Bingo, (7.5) 3 F. Patent No. 1392. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Lovely roses in bud and full bloom. Fully double blooms of cardinal red. Abundant, large, leathery green foliage.</b>				
250 No. 1	1.25	1.12½	1.05	----
450 No. 1½	1.00	.90	.84	.76
<b>Blanche Mallerin, (7.1) 2 F. Patent No. 594. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Long shapely buds and beautifully molded blooms of pure satiny white are produced freely on a vigorous and upright bush. Sweetly fragrant.</b>				
290 No. 1	1.10	1.00	.95	----
40 No. 1½	.88	.80	----	----
<b>Burnaby, (8.1) 2 S. Patent No. 1314. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Double light yellow exhibition blooms of excellent form. Vigorous, bushy plants. Disease resistant.</b>				
330 No. 1	1.40	1.25	1.20	1.10
230 No. 1½	1.12	1.00	.96	----
<b>Capistrano, (7.4) 3 F. Patent No. 922. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Bright pink buds and blooms. Flowers are large and double, 6 inches. Leathery foliage on vigorous upright plant.</b>				
300 No. 1	1.10	1.00	.95	.85
240 No. 1½	.88	.80	.76	----
<b>Chrysler Imperial, (8.8) 2 V. Patent No. 1167. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like luster of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.</b>				
230 No. 1½	1.12	1.00	.96	----
<b>Debonair, (6.8) 2 F. Patent No. 677. Retail \$2.25 ea.; 3 or more \$2.00 ea.) Ovoid buds open to large, double primrose yellow blooms with a tea fragrance. Dark glossy foliage on a vigorous upright plant.</b>				
660 No. 1	1.25	1.12½	1.05	.95
330 No. 1½	1.00	.90	.84	.76

## ROSES—Continued

## PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>First Love</b> , (8.0) 3 S. Patent No. 921. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Long tapering buds of pale dawn pink open slowly to a long lasting bloom that is tinted with shades of salmon, orchid and rose.				
230 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$ ----
630 No. 1½	1.00	.90	.84	.76
<b>Fort Vancouver</b> , (7.2) 3 V. Patent No. 994 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Large exhibition-type blooms on strong upright plant. Medium pink. Disease resistant foliage.				
190 No. 1	1.40	1.25	----	----
230 No. 1½	1.12	1.00	----	----
<b>Forty-Niner</b> , (6.8) 2 S. Patent No. 792 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient red, while the outside is a chrome yellow, changing to straw yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals.				
590 No. 1½	1.12	1.00	.96	.88
<b>Fred Howard</b> , (6.6) 2 S. Patent No. 1006. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large, double bloom of golden orange with pink shadings. Strong, upright plant. Long blooming period.				
200 No. 1	1.10	1.00	.95	----
150 No. 1½	.88	.80	.76	----
<b>Gail Borden</b> , (7.7) 2 F. Patent No. 1618 (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Pink interior with apricot-yellow outside. Beautiful bud and flower form. Rugged, glossy foliage is disease resistant.				
250 No. 1	1.65	1.50	----	----
<b>Garden Party</b> , Patent No. 1814. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) A.A.R.S. Award Winner for 1960. A cross between Charlotte Armstrong and Peace. Displays cream and ivory petals, delicately tinted with soft pink. The fully double blooms, opening from long, well shaped buds, often measure as much as seven inches across and are supported on long sturdy stems. The plant is vigorous and free branching, producing a continuous succession of flowers.				
430 No. 1	1.90	1.75	----	----
340 No. 1½	1.52	1.40	----	----
<b>Golden Scepter</b> , (7.3) 3 F. Patent No. 910. (Retail \$1.85 ea.; 3 or more \$1.65 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.				
320 No. 1½	.84	.74	.68	----

## ROSES—Continued

## PATENTED HYBRID TEA—Continued

	10-20	20-100	100-250	250-up
	Each	Each	Each	Each
<b>Helen Traubel, (8.7) 3 F. Patent No. 1028. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened bloom display the lovely color in a most lavish way.</b>				
240 No. 1½	\$1.20	\$ 1.10	\$ 1.04	\$ ----
<b>Katherine T. Marshall, (7.2) 3 S. Patent No. 607 (Retail \$1.85 ea.; 3 or more \$1.65 ea.) A rose of rare beauty and delicacy of form growing vigorously with large; open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.</b>				
100 No. 1	1.05	.92½	----	----
230 No. 1½	.84	.74	.68	----
<b>Love Song, (6.5) 2 V. Patent No. 1360. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Very double, beautifully formed rose of watermelon pink. Vivid yellow reverse. Upright plant with deep green waxy leaves.</b>				
40 No. 1	1.40	1.25	----	----
680 No. 1½	1.12	1.00	.96	.88
<b>Lowell Thomas, (7.7) 2 F. Patent No. 595. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting. Clear canary-yellow on strong stem. Vigorous compact, bushy, plants; upright intermittent bloomer. A.A.R.S. award for 1944.</b>				
110 No. 1	1.25	1.12½	1.05	----
480 No. 1½	1.00	.90	.84	.76
<b>Mark Sullivan, (7.4) 2 F. Patent No. 599 (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Huge golden yellow flowers veined and shaded rose pink and cerise. Honey fragrance. Rich, leathery, glossy foliage.</b>				
220 No. 1	1.00	.87½	.80	----
220 No. 1½	.80	.70	.64	----
<b>Mirandy, (7.7) 3 V. Patent No. 632. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.</b>				
60 No. 1	1.25	1.12½	----	----
80 No. 1½	1.00	.90	----	----

## ROSES—Continued

## PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Mission Bells, (7.8) 3 F. Patent No. 923. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Deep glowing salmon, which opens to a clear shrimp pink color long lasting and sun-resistant. Plant is abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.</b>				
90 No. 1 .....	\$1.10	\$ 1.00	\$ ----	\$ ----
310 No. 1½ .....	.88	.80	.76	.68
<b>New Yorker, (8.0) 2 F. Patent No. 823. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.</b>				
400 No. 1½ .....	1.12	1.00	.96	.88
<b>Nocturne, (8.1) 3 V. Patent No. 713 (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.</b>				
300 No. 1½ .....	1.00	.90	.84	.76
<b>Paramount, (7.8) 2 S. Patent No. 984. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) A double rose with buds and blooms of salmon pink tinted with rose and peach. Tall, strong, bushy plant.</b>				
270 No. 1 .....	1.10	1.00	.95	----
190 No. 1½ .....	.88	.80	----	----
<b>Peace, (9.6) 3 S. Patent No. 591. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Ovoid buds are golden-yellow etched with pink as they open; color changes from canary-yellow, pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flowers slowly open to glorious 5 inch blooms. A.A.R.S. award for 1946.</b>				
2630 No. 1 .....	1.40	1.25	1.20	1.10
1420 No. 1½ .....	1.12	1.00	.96	.88
<b>Peaceful, (6.6) 2 F. Patent No. 1599. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Very large bud. Very large full bloom of rose pink suffused with gold. Borne several together. Leathery foliage is disease resistant. Vigorous, upright growing plant.</b>				
330 No. 1½ .....	1.12	1.00	.96	----
<b>President Eisenhower, (6.7) 2 V. Patent No. 1217. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Large, dark red unfading flowers are borne singly on sturdy canes. Free bloomer.</b>				
20 No. 1 .....	1.25	----	----	----
700 No. 1½ .....	1.00	.90	.84	.76

## ROSES—Continued

## PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Rose Marie Reid, (7.6) 2 F. Patent No. 1487. (Retail \$2.50 ea.; 3 or more \$2.20 ea.)</b> Fragrant, dawn pink blooms borne in profusion on long stems. Deep green foliage. Disease resistant.				
340 No. 1 .....	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
610 No. 1½ .....	1.12	1.00	.96	.88
<b>Show Girl, (7.6) 2 F. Patent No. 646. (Retail \$2.25 ea.; 3 or more \$2.00 ea.)</b> Perfectly formed buds of deep pink. Heavy textured petals and lasting quality of blooms make this one of the best pink roses for cutting. Long stems.				
90 No. 1 .....	1.25	1.12½	----	----
800 No. 1½ .....	1.00	.90	.84	.76
<b>Sun Valley, (6.5) 2 V. Patent No. 1135 (Retail \$2.50 ea.; 3 or more \$2.20 ea.)</b> Golden yellow flowers hold brilliant tone in open blooms and are borne profusely throughout the season on tall straight stems. Shining dark green foliage is disease resistant.				
250 No. 1 .....	1.40	1.25	1.20	----
100 No. 1½ .....	1.12	1.00	----	----
<b>Sutters Gold, (8.1) 3 V. Patent No. 885 (Retail \$2.25 ea.; 3 or more \$2.00 ea.)</b> Beautiful long-point, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high centered and richly colored. A.A.R.S. award for 1950.				
410 No. 1½ .....	1.00	.90	.84	.76
<b>Tiffany, (8.8) 3 V. Patent No. 1304. (Retail \$2.75 ea.; 3 or more \$2.40 ea.)</b> Pointed buds of deep pink with golden shading at base, open to a phlox-pink bloom. Flowers are perfectly formed, double and have exceptional lasting qualities. Blooms are borne singly on long stems. Vigorous upright bush with dark green foliage. A.A.R.S. award for 1955.				
240 No. 1½ .....	1.20	1.10	1.04	----
<b>Volcano, (7.5) 3 F. Patent No. 951. (Retail \$1.85 ea.; 3 or more \$1.65 ea.)</b> Huge blooms that open as much as 7 inches across. Cherry red flowers slowly soften to rose pink. Dark green foliage.				
100 No. 1½ .....	.84	.74	----	----
<b>White Knight, ( ) Patent No. 1359 (Retail \$3.00 ea.; 3 or more \$2.65 ea.)</b> First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.				
110 No. 1½ .....	1.32	1.20	----	----



## ROSES—Continued

## PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Cl. Blossomtime</b> , (8.3) V. Patent No. 1240. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Flowers of hybrid tea form, light pink with deeper tones on outside. Moderate climber. Profuse bloom all season.				
100 No. 1 .....	\$1.40	\$ 1.25	\$ .---	\$ .---
710 No. 1½ .....	1.12	1.00	.96	.88
<b>Cl. Golden Showers</b> , (7.4) F. Patent No. 1557. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Golden Showers is the first winter-hardy ever blooming pillar and climbing rose that actually blooms from early spring through to late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25-30 petaled 3½ to 4 inch yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. Award Winner.				
420 No. 1 .....	1.50	1.37½	1.30	1.20
<b>Cl. Goldilocks</b> , (6.9) F. Patent No. 1090. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Rich golden yellow sport of Goldilocks. Free blooming, vigorous and disease resistant.				
210 No. 1 .....	1.40	1.25	1.20	---
40 No. 1½ .....	1.12	1.00	---	---
<b>High Noon</b> , (7.9) S. Patent No. 704. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Lemon yellow loosely cupped blooms of 25 to 30 petals produce a delicate, spicy fragrance. Upright, vigorous climber. Leathery, glossy foliage.				
270 No. 1 .....	1.40	1.25	1.20	1.10
320 No. 1½ .....	1.12	1.00	.96	.88
<b>Cl. Pinkie</b> , (8.0) Patent No. 1076. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Long, slender pink buds open to 2 inch flowers on individual stems. Continuous bloomer.				
120 No. 1 .....	1.50	1.25	1.20	---
130 No. 1½ .....	1.20	1.10	1.04	---

## PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Chatter</b> , (7.3) 1 F. Patent No. 738. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Immense bright crimson flower clusters, continuously in bloom; velvety firm petals.				
530 No. 1½ .....	\$ .72	\$ .60	\$ .56	\$ .52
<b>Circus</b> , (7.9) 2 F. Patent No. 1328. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Perfect urn-shaped buds of bright red and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage. A.A.R.S. Award for 1956.				
160 No. 1 .....	1.40	1.25	1.20	---
300 No. 1½ .....	1.12	1.00	.96	.88

## ROSES—Continued

## PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Fashion</b> , (8.9) 2 F. Patent No. 789. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Brilliant coral-peach flowers open with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. Award for 1950.				
1440 No. 1½	\$.88	\$.80	\$.76	\$.68
<b>Fire King</b> , ( ) Patent No. 1758 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Tall growing floribunda with perfectly formed, brilliant vermilion flowers measuring from two to three inches across. Deep red buds open to brighter blooms of 45 to 50 petals, which form heavy clusters. Strong grower with dark green foliage. A. A. R. S. winner 1960.				
20 No. 1	1.40	---	---	---
300 No. 1½	1.12	1.00	---	---
<b>Frolic</b> , (7.9) 2 S. Patent No. 1179. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Medium sized compact plant covered with clear pink blooms. A perfect Floribunda for hedges, borders or show.				
540 No. 1	1.10	1.00	.95	.85
510 No. 1½	.88	.80	.76	.68
<b>Fusilier</b> , (7.8) Patent No. 1709. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Rich orange red of great brilliance which runs to a darker cherry red in the fall. Flowers are produced in heavy clusters. Petals of the large blooms are frilled. 1958 A.A.R.S. Award.				
380 No. 1	1.40	1.25	1.20	1.10
510 No. 1½	1.12	1.00	.96	.88
<b>Gold Cup</b> , (7.4) Patent No. 1683. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Golden yellow blooms hold their color throughout life of the flower. Lovely fragrance. Glossy foliage. 1958 A.A.R.S. Award.				
160 No. 1	1.40	1.25	1.20	---
460 No. 1½	1.12	1.00	.96	.88
<b>Golden Fleece</b> , (7.1) 1 V. Patent No. 1512. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Medium, ovoid golden yellow bud opens to a large, yellow bloom. Strong, sweet fragrance. Blooms are borne singly and several together. Plant vigorous and bushy.				
100 No. 1	1.40	1.25	---	---
<b>Goldilocks</b> , (7.3) 1 F. Patent No. 672. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Large double blooms of deep yellow borne in clusters on small bushy plant. Free bloomer.				
320 No. 1	1.00	.87½	.80	.75
1710 No. 1½	.80	.70	.64	.60
<b>Independence</b> , (8.2) 2 F. Patent No. 1036. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Clusters of large double blooms of spectrum-red. Dark, glossy foliage on well branched plants.				
820 No. 1½	.80	.70	.64	.60

## ROSES—Continued

## PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Ivory Fashion</b> , ( ) Patent No. 1688. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Buds resemble those of a Hybrid Tea, and the high centered flower is almost 4 inches wide when open. The ivory color is set off by a suggestion of yellow in the bud stage and the petals hold well after opening. The plant achieves a height of some 30 inches. Bloom period is unusually long. 1959 A.A.R.S. Award.				
540 No. 1 .....	\$1.50	\$ 1.37½	\$ 1.30	\$ 1.20
120 No. 1½ .....	1.20	1.10	1.04	---
<b>Jimmy Cricket</b> , (7.5) 2 V. Patent No. 1346. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. Award for 1955.				
250 No. 1 .....	1.10	1.00	.95	---
850 No. 1½ .....	.88	.80	.76	.68
<b>Ma Perkins</b> , (7.9) 2 V. Patent No. 1143. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Shades of red in the outer petals change to an open bloom of coral shell pink. A suffusion of yellow is present in all stages. Fragrant 25 petal blooms in clusters and singly all season.				
70 No. 1 .....	1.10	1.00	---	---
210 No. 1½ .....	.88	.80	.76	---
<b>Pink Bountiful</b> , (8.2) 2 F. Patent No. 601. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Bud short pointed, begonia rose. Flowers medium size, double (50-60 petals), open nutty fragrance, rose pink; cluster. Foliage large, leathery.				
120 No. 1 .....	1.00	.87½	---	---
<b>Red Cap</b> , (7.8) 2 S. Patent No. 1292. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Masses of flowers open light red and deepen to a velvety shade. Foliage large and abundant.				
190 No. 1 .....	1.10	1.00	---	---
160 No. 1½ .....	.88	.80	---	---
<b>Red Pinocchio</b> , (8.8) 2 F. Patent No. 812. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Vigorous; prolific bloomer.				
1210 No. 1½ .....	.80	.70	.64	.60
<b>Sarabande</b> , ( ) Patent No. 1761. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Semidouble blooms of unique scarlet orange and somewhat larger than those of most floribundas, bearing twelve to fifteen petals. Low growth habit and compact form make a suitable plant for hedges and border edgings. Blooms early and continuously throughout the season. A.A.R.S. Award Winner for 1960.				
30 No. 1 .....	1.40	1.25	---	---
350 No. 1½ .....	1.12	1.00	---	---

## ROSES—Continued

## PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Spartan</b> , (8.5) 2 V. Patent No. 1357. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Clusters of burnt orange buds open slowly to a huge high-centered hybrid tea shaped bloom of bright orange red. Strong vigorous plant blooms long and abundantly.				
80 No. 1 .....	\$1.40	\$ 1.25	\$ ----	\$ ----
170 No. 1½ .....	1.12	1.00	----	----
<b>Starlet</b> , ( ) Patent No. 1694. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Bud small and long-pointed. Yellow clustered, very double, high-centered flower with slight fragrance. Dark green leaves are leathery, glossy and disease resistant. Strong growing, (2-3 feet), compact, upright plant. Abundant bloom continuously.				
220 No. 1 .....	1.40	1.25	1.20	----
150 No. 1½ .....	1.12	1.00	.96	----
<b>The Texan</b> , (8.0) 3 V. Patent No. 1471. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fragrant rose red with yellow base. Double, medium sized flowers continuously in bloom. Dark green foliage.				
340 No. 1 .....	1.40	1.25	1.20	1.10
240 No. 1½ .....	1.12	1.00	.96	.88
<b>Vogue</b> , (8.2) 2 S. Patent No. 926. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. award for 1952.				
1010 No. 1 .....	1.10	1.00	.95	.85
550 No. 1½ .....	.88	.80	.76	.68

## PATENTED GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>Buccaneer</b> , (7.3) 3 F. Patent No. 1119. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.				
180 No. 1½ .....	\$1.12	\$ 1.00	\$ .96	\$ ----
<b>Carrousel</b> , (9.0) 3 F. Patent No. 1066. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.				
550 No. 1½ .....	.88	.80	.76	.68
<b>Dean Collins</b> , (6.9) 2 S. Patent No. 1279. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Light red, large, open flower. Long lasting, double blooms. Excellent for cutting. Well formed disease resistant plant.				
120 No. 1 .....	1.10	1.00	.95	----
200 No. 1½ .....	.88	.80	.76	----

## ROSES—Continued

## PATENTED GRANDIFLORA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
<b>June Bride</b> , (7.5) 3 F. Patent No. 1770. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fine pointed bud opens white tinged cream. Long lasting bloom both on bush and as cut flower. Does well in dry weather. Vigorous plant with excellent foliage.				
100 No. 1½ .....	\$1.12	\$ 1.00	\$ ----	\$ ----
<b>Montezuma</b> (8.5) 3 S. Patent No. 1383. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Long buds of bright scarlet-orange slowly change to an attractive salmon-orange as large double blooms unfold. Flowers in long-stemmed clusters. Free blooming.				
190 No. 1½ .....	1.20	1.10	1.04	----
<b>Roundelay</b> , (8.0) 3 F. Patent No. 1280. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fine buds open into full high centered blooms of vivid red. Free bloomer in clusters with stout stems long enough for cutting. Delightfully fragrant. Vigorous upright plant with dark green foliage. Disease resistant.				
420 No. 1½ .....	1.12	1.00	.96	.88
<b>Starfire</b> , ( ) P. A. F. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Produces bright cherry-red blooms, both singly and in clusters, and is exceptionally hardy. Its growth is compact, and luxuriant bronze foliage sets off the blooms in a distinctive manner. 1959 A.A.R.S. Award.				
510 No. 1½ .....	1.32	1.20	1.12	1.04

## BROWNELL SUB-ZERO HYBRID TEA

These plants from hardier species, Wichuraiana Hybrids, are reported by the originator as being equal in every way with the more tender Hybrid Teas. Many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each	100-250 Each
<b>Lily Pons</b> , ( ) 3 F. Patent No. 420. (Retail \$1.85 ea.; \$18.00 per doz.) Large, high-centered, spectrum-yellow center shading to white on outer petals. Long strong stems. Glossy foliage. Vigorous, profuse bloomer.			
370 No. 1½ .....	\$ .80	\$ .72	\$ .68

## TREE ROSES

No. 1 .....\$2.50 each

Tree form of the following popular Hybrid Teas.

	No. 1
<b>Caledonia</b> , white .....	50
<b>Miss Rowena Thom</b> , medium pink .....	60
<b>Mrs. P. S. DuPont</b> , deep yellow .....	40
<b>Tailman</b> , pink blend .....	70

## Hardy Perennial Plants

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root.

	Per 10	Per 100
<b>AQUILEGIA, Columbine. May-June.</b>		
Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late.	\$ 2.10	\$ 18.00
Crimson Star, large flowers of the most striking crimson with white corola. 24 in. ....	2.10	18.00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft. ....	1.80	15.00
Lavender and Blue Shades, long spurred flowers. 2 ft. ....	1.80	15.00
Rose Queen, rose with white corolla. 18 in. ....	1.80	15.00
Silver Queen, long spurred. Silvery white. ....	1.80	15.00

### CHRYSANTHEMUMS

For spring delivery, we reserve the right to supply well-finished heavily rooted 2¼ inch pot plants.

	Per 10	Per 100
Alert. Best early purple. 3 inch double blooms that do not fade.		
Mid September. 2 feet. ....	\$ 1.80	\$ 15.00
Algonquin, a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early ....	1.80	15.00
Apache. Huge cactus-Dahlia type flowers of oriental or tomato red. Weather resistant flowers of 4 to 5 inches in diameter. Mid-September until heavy frost. 20 inches. ....	1.80	15.00
Butterball, double, ball-like dark lemon yellow. Mid-August. 18 inch plant. ....	2.10	18.00
Chippewa, double blooms of bright aster-purple. Hardy. Early.	2.10	18.00
Courageous, large, double flowers to 3½ inches. Dark ruby-red Late. ....	2.10	18.00
Early Harvest, double mahogany orange blooms for two months. Excellent cushion type. Early. 16 inches. ....	2.10	18.00
Fairbow, double, lavender pink, heavy blooming pompon. Early. ..	2.10	18.00
Glacier, double blooms of pure glistening white. Compact plant. Early. 16 inches. ....	2.10	18.00
Golden Mound, golden blooms on an excellent cushion type plant. Early. 18 inches. ....	2.40	20.00
Indiana, double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches. ....	2.40	20.00

**HARDY PERENNIAL PLANTS—Continued****CHRYSANTHEMUMS—Continued**

	Per 10	Per 100
<b>Magnificent</b> , unusual rosy cardinal blooms on a fine plant. Mid-season. ....	\$ 2.10	\$ 18.00
<b>Maroon 'N' Gold</b> . Rich 4 inch blooms of mahogany-bronze, red and gold. September 8. 2 feet. ....	2.10	18.00
<b>Pathfinder</b> . Double. Carnation-flowered clear yellow. Very frost tolerant. September 5. 20 inches. ....	2.10	18.00
<b>Pink No. 1092</b> , lavender-pink upturned petals. Midseason. 18 in.	2.10	18.00
<b>Plainsman</b> , double carnation flowered Mum of cinnamon red with bronze. Late. ....	2.10	18.00
<b>Purple Star</b> , bright dahlia purple flowers of star-like shape. Early. 2 feet. ....	2.10	18.00
<b>Red Gold</b> . Vivid bronzy-red pompom. Late August. 20 inches. ..	2.10	18.00
<b>September Bronze</b> , golden bronze pompon. Late. 12 inches. ....	2.10	18.00
<b>White Cloud</b> , vigorous pure white with a touch of pink at the center. Midseason. ....	2.90	25.00
<b>Yellow Avalanche</b> , large, double, yellow Sport of Avalanche. Mid-season. 18-24 inch. ....	2.90	25.00

**CHRYSANTHEMUMS — CUSHIONS**

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

<b>Bronze Cushion</b> , double flowers in compact mounds of bronze and copper. ....	1.80	15.00
<b>Pink Cushion</b> , masses of light pink flowers in broad mounds. ..	1.80	15.00
<b>Purple Cushion</b> , perfectly shaped, round bushy plants covered with purplish rose flowers with deep wine centers. ....	2.40	20.00
<b>Red Cushion</b> , a splendid improved early crimson red. ....	1.80	15.00
<b>White Cushion</b> , double white flowers. ....	1.80	15.00
<b>Yellow Cushion</b> , pure golden yellow blooms that last well. ....	1.80	15.00

**CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.**

<b>Alaska Supreme</b> , shapely plants, large flowers. June-July. ....	1.20	10.00
--	------	-------

**DIANTHUS BARBATUS, Old Fashioned Sweet William.**

This is the Old Fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

<b>Newport Pink</b> , rich salmon pink. This variety being grown from seed is always partly mixed. ....	1.40	12.00
<b>Purple Beauty</b> .....	1.40	12.00
<b>Scarlet Beauty</b> . 18 inches. ....	1.40	12.00
<b>White</b> .....	1.40	12.00

**HARDY PERENNIAL PLANTS—Continued**

	Per 10	Per 100
<b>DICENTRA, Bleeding Heart.</b>		
eximia, pink flowers. Fern leaves. ....	\$ 2.10	\$ 18.00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 12 in. Undivided plants. 3 to 5 eye. ....	4.50	40.00
<b>FUNKIA, Hosta, Plantain Lily.</b>		
lancifolia, green foliage, lilac flowers. July-Aug. 18 in. ....	1.80	15.00
<b>GAILLARDIA</b>		
Burgundy, rich wine-red; excellent for cutting. 18 to 24 inches. ..	1.80	15.00
Dazzler, large golden and maroon flowers on strong stems. 18 inches. ....	1.80	15.00
<b>HEMEROCALLIS, Day Lily.</b>		
Flava, clear lemon-yellow, sweet scented, profuse. June. 2½ ft. ....	1.40	12.00
Hyperion, popular yellow with very large slightly fragrant flowers. Prolific bloomer. Mid-July to August. 3 feet. ....	3.20	30.00
<b>LATHYRUS, Everlasting Sweet Pea.</b>		
latifolium, a lovely trailing plant that blooms all summer. Pink or Red. Separate colors. 3 ft. ....	1.40	12.00
<b>LILY-OF-THE-VALLEY (Convallaria majalis)</b>		
Very fragrant pure white bell-shaped flowers for shaded locations.		
Pips .....	.40	3.50
Clumps (10 pips each) .....	2.90	25.00
<b>LYTHRUM</b>		
The Beacon, for small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally well in wet semi-shade and open, dry sun. July to frost. ....	2.10	18.00
Morden Rose, a neat compact plant of abundant dark green foliage. Rich rose red blooms in spikes to 4 feet. ....	3.50	30.00

**PHLOX — Paniculata**

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Antoinette Six, unusually large heads of pure white. ....	\$ 1.80	\$ 15.00
Border Queen, a fine gleaming rich pink. ....	1.80	15.00
B. Symone Jenne, large heads of clear pink. ....	2.10	18.00
Charles Curtis, brilliant sunset red. 2½ ft. Color does not fade. ....	2.10	18.00
Lillian, pure pink without any trace of magenta or rose. Very large florets. Blooms profusely. ....	1.80	15.00



**HARDY PERENNIAL PLANTS—Continued****PHLOX—Paniculata—Continued**

	Per 10	Per 100
<b>Pinkette</b> , large florets of soft, delicate pink. ....	\$ 2.10	\$ 18.00
<b>Prime Minister</b> , pure white and distinct crimson eye. ....	1.80	15.00
<b>Progress</b> , superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1¼ to 2 inch florets. Rich, dark green foliage. 2½ feet. ....	2.10	18.00
<b>Purple Heart</b> , brilliant deep blue-purple, darker center with cream colored anthers. ....	2.10	18.00
<b>World Peace</b> , pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best white. ....	2.50	20.00
<b>PLATYCODON</b> , Balloon Flower. June and July. 18 inch. Blue. ....	1.40	12.00
<b>PYRETHRUM</b> , Painted Daisy. May-June. 18 in.		
<i>hybridum roseum</i> , soft pink and rose shades, single. ....	1.40	12.00
<i>Robinsons Dark Crimson</i> , flowers crimson scarlet and immensely large. Strong long stems and very free flowering. ....	2.10	18.00
<b>SALVIA</b> (Sage)		
<i>officinalis</i> , edible, especially valuable for seasoning. 2 ft. ....	1.20	10.00
<b>TEUCRIUM</b> , Germander		
<i>Chamaedrys</i> , popular perennial hedge plant. Readily maintained to a height of 12 inches. Glossy, evergreen foliage. ....	2.50	22.50

**MEXICAN TUBEROSES**

This is the best of all Tuberoses. Single flowering and very fragrant. Blooms July and August.

	Per 10	Per 100	Per 1000
No. 1 .....	\$ .80	\$ 7.50	\$ 65.00

**Lilies****Domestic Grown**

	Per 10	Per 100
<b>tenuifolium</b> (Coral Lily) Narrow-leaved; deep scarlet, waxen recurved flowers. June. 15 in.		
No. 1 .....	\$ 1.00	\$ 8.00
No. 2 .....	.70	6.00

### WOOD BOXING CHARGES

30x30x10	7.00	24x24x10	6.00
30x30x8	6.00	24x24x8	5.50
30x30x6	5.00	20x20x10	5.00
30x30x5	4.50	20x20x8	4.50

Above charge will be refunded if **OUR OWN** boxes are returned, **PREPAID**, and in first class condition, prior to **May 15**.

## CORRUGATED BOXES

60x20x20	-----	\$1.50	36x20x20	-----	\$1.00
48x20x20	-----	\$1.25			

## BASKETS

**1 bushel ----- \$0.50      ½ bushel ----- \$0.35**

Bales will be charged at actual cost of material and labor.

*Increase Sales.....*

*Increase Profits with*

# Full-o-Life

PACKAGED NURSERY STOCK



- Attractively Packaged
- 4-color Picture Labels
- Easy to Handle —  
Fast Selling
- Free Sales Aids

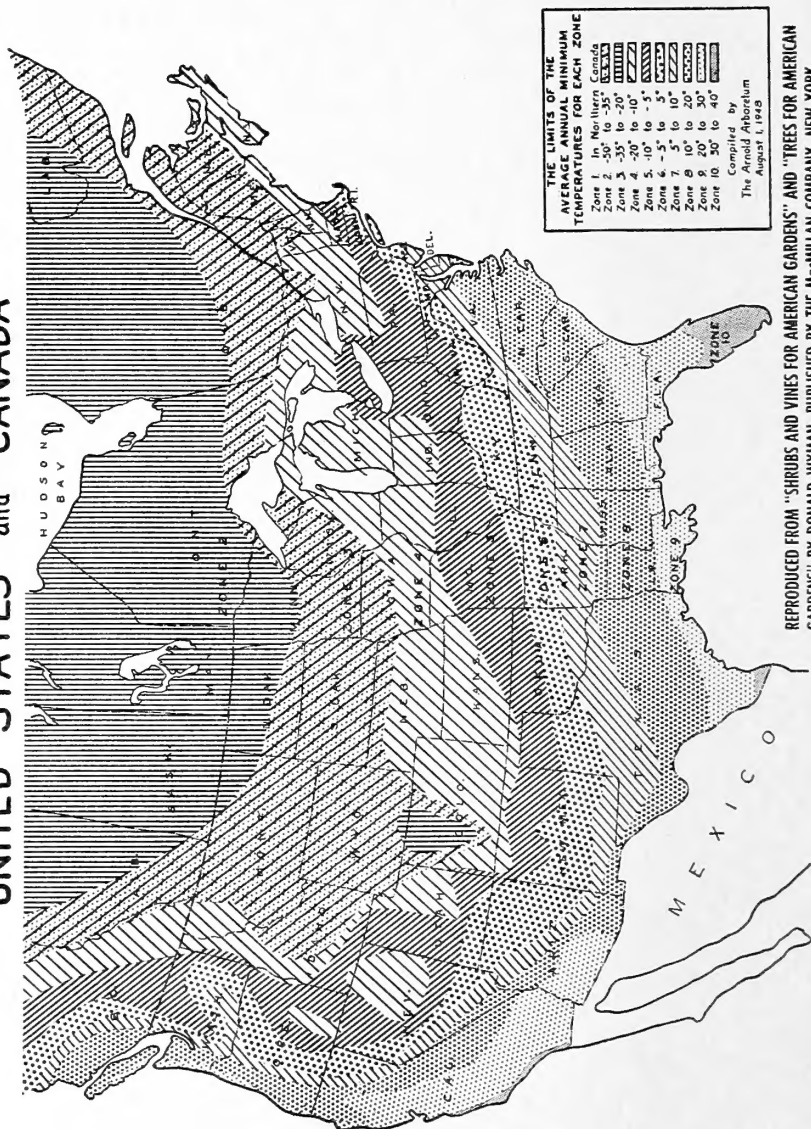


***A COMPLETE LINE . . .***

Roses • Fruit & Shade Trees  
Shrubs • Vines • Hedging  
Small Fruits • Peonies

***Write Today For Full-O-Life Price List***

# HARDINESS ZONES of the UNITED STATES and CANADA



REPRODUCED FROM "SHRUBS AND VINES FOR AMERICAN GARDENS" AND "TREES FOR AMERICAN GARDENS" BY DONALD WYMAN, PUBLISHED BY THE MCMILLAN COMPANY, NEW YORK

# INDEX

Page		Page		Page	
Acanthopanax	16	Fruit Trees	3, 4, 5, 6	Potentilla	26
Acer	8, 9, 16, 37	Fruit Tree Seedlings	37	Privet	33
Alpine Currant	27	Funkia	54	Prunus	14, 26
Althea	22	Gaillardia	54	Pyrethrum	55
Ampelopsis	32	Gleditsia	10, 11	Quercus	14, 38
Apple	3, 4	Goldenrain tree	11	Raspberry	7
Apple Seedlings	37	Gooseberry	7	Red Bud	9, 37
Aquilegia	52	Grapes	7	Rhamnus	26
Arborvitae	36	Gymnocladus	11	Rhodotypos	26
Aronia	16	Hackberry	9	Rhubarb	7
Ash	9, 10	Hamamelis	21	Rhus	27
Asparagus	6	Hedging	33	Ribes	27
Barberry	16, 17	Hemerocallis	54	Rosa	33
Beautybush	17, 37	Hibiscus	22	ROSES	
Betula	9	Honeylocust	10, 11	Climbing	41
Bignonia	32	Honeysuckle	23, 24, 32, 33	Flor. & Poly.	40
Birch	9	Hydrangea	22	Hybrid Tea	39, 40
Bittersweet	32	Hypericum	22	Patented Cli.	47
Blackberry	6	Jethead	26	Patented Flor.	47, 48, 49, 50
Bleeding Heart	54	Juglans	11, 37	Patented Grand.	50, 51
Boston Ivy	32	Juniper	34, 35, 36	Pat. H. T.	42-46
Boysenberry	6	Koelreutria	11	Pat. Sub-Zero	51
Buckthorn	26	Laburnum	11	Russian Olive	9
Buttonbush	17	Lagerstroemia	22	Sage	55
Calicarpa	17, 37	Lathyrus	54	Salix	14, 15
Campsis	32	Ligustrum	33	Salvia	55
Caragana	17, 33, 37	Lilac	29, 38	Seedlings	37, 38
Caryopteris	17	Lilies	55	Shade Trees	8-16
Celastrus	32	Lining Out Stock	37, 38	Shrubs	16-31
Celtis	9	Locust	10, 11	Small Fruits	5-6
Cephalanthus	17	Lonicera	23, 24, 32, 33	Snowball	31
Cercis	9, 37	Lythrum	54	Snowberry	28
Cherry	4, 5	Magnolia	11	Sorbus	15
Chrysanthemums	52, 53	Malus	12, 13	Spirea	27, 28, 36
Coffeetree	11	Maple	8, 9, 16, 37	Sumac	27
Columbine	52	Mockorange	24, 25	Sweet Pea	54
Coralberry	29	Morus	37	Sycamore	13
Corktree	13	Mountain Ash	15	Symphoricarpos	28, 29
Cornus	18, 37	Mulberry	37	Syringa	29, 38
Cotoneaster	18, 19	Nanking Cherry	26	Tamarix	30
Crab	12, 13	Ninebark	25, 26	Teucrium	55
Crapemyrtle	22	Oak	14, 38	Thorn	9
Crataegus	9	Parthenocissus	32	Thuja	36
Currant	6	Pear	5	Trumpet Creeper	32
Daisy	53, 55	Perennials	52-55	Tuberoses	55
Deutzia	19	Phellodendron	13	Ulmus	15, 38
Dewberry	7	Philadelphus	24, 25	Viburnum	30, 31, 38
Dianthus	53	Phlox	54, 55	Vines	32
Dicentra	54	Physocarpus	25, 26	Walnut	11, 37
Dogwood	18, 37	Pines	36	Weigela	31
Elaeagnus	9	Platanus	13	Willow	14, 15
Elm	15, 38	Platycodon	55	Witchhazel	21
Engelmann Ivy	32	Plum	6		
Euonymus	19, 20, 32	Poplar	14, 38		
Evergreens	34-35-36				
Forsythia	20, 21				
Fraxinus	9, 10				

# ATTENTION

For prompt service day or night call  
our sales representatives

**PHONE 406 or 407**

*Write or Phone For*  
**SPECIAL QUANTITY QUOTATIONS**

## — OFFICE HOURS —

**Monday through Saturday**

**8:00 a.m. to 12:00 Noon**

**1:00 p.m. to 5:00 p.m.**

## — AFTER HOURS —

**Bill Smart                      Phone 1704**

**John McLaren              Phone 260**

**Bob True**

**Days— Chicago, Ill.**

**Yards 7-7554**

**Nights—Wood Dale, Ill.**

**Porter 6-1244**

*The Shenandoah Nurseries*  
(LAKES)

SHENANDOAH, IOWA

*(On Central Standard Time the Year around)*